



109197

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016-00002

Bondo® Loop Detector Sealer57

2012 DESIGN
AWARD WINNER!

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Prefabricated Shelters

- Eliminate expensive on-site construction costs – conventional construction requires on-site welding that is not needed on a Porta-King prefabricated shelter there is no compromise to strength and integrity
- Pre-engineered products which streamline design and architect time
- We can install our products anywhere in North America

- Products come from one source versus many which eliminates the majority of coordination of contractors from various trades
- We offer custom layouts designed to your specifications to coordinate with existing building designs
- Fully galvanized to protect from the harshest environmental conditions

Duraluminum Prefabricated Security Building

Duraluminum is a maintenance free, low-cost alternative to steel. Anodized aluminum components eliminate painting, rusting and surface deterioration.

Includes:

- (1) heavy duty aluminum sliding door with window and ADA handles
- Aluminum tread plate floor
- (1) 100 amp single phase 12-Circuit load center with main breaker



108928

- (1) 115v duplex outlet
- (1) 230v outlet
- (1) 22" deep steel counter
- (2) Fixed Windows and (3) Sliding Windows with clear tempered glass glazing

6' x 4' Duraluminum prefabricated security building, 950 lbs.	108928	\$8,995
8' x 6' Duraluminum prefabricated security building, 950 lbs.	108929	\$10,595
8' x 8' Duraluminum prefabricated security building, 1900 lbs.	108930	\$11,395
10' x 8' Duraluminum prefabricated security building	108931	\$13,750

Durasteel Prefabricated Security Building

Durasteel buildings feature built-in strength, durability, security and aesthetics. Durasteel portable buildings combine the strength of steel for long-lasting durability and security with the beauty of seamless construction for optimal eye appeal.



108938

Includes:

- 1 heavy duty aluminum sliding door with window and ADA handles
- (1) 22" deep steel counter
- (1) 115v duplex outlet, (1) 230v outlet
- (1) 100 amp single phase 12-Circuit load center with main breaker

6' x 4' Durasteel prefabricated security building	108938	\$10,750
8' x 6' Durasteel prefabricated security building	108939	\$16,750
8' x 8' Durasteel prefabricated security building	108940	\$21,395
10' x 8' Durasteel prefabricated security building	108941	\$26,495



108942

Durasteel Prefabricated 3-Sided Shelter

With built-in strength, durability, security and aesthetics, Durasteel portable buildings combine the strength of steel for long-lasting durability and security with the beauty of seamless construction.

Includes:

- Welded steel construction, painted one color
- 3" overhanging exterior roof
- Clear anodized aluminum fixed window frames
- Clear tempered glazing

10' x 6' Durasteel prefabricated 3-sided shelter, painted 1 color, 1600 lbs.	108942	\$6,975
10' x 8' Durasteel prefabricated 3-sided shelter, painted 1 color, 2000 lbs.	108943	\$8,250
12' x 6' Durasteel prefabricated 3-sided shelter, painted 1 color, 2000 lbs.	108944	\$7,795
12' x 8' Durasteel prefabricated 3-sided shelter, painted 1 color, 2400 lbs.	108945	\$8,795

MPT 33C Full Height Turnstile

One passage lane, electromechanical solenoid locking bidirectional turnstile, 100 percent duty cycle, multifunction controller and mounting plates for card readers and other control devices.

- Bidirectional, 115VAC solenoid locking system
- High security galvanized cage and column
- 120 degree U-shaped bars - includes plates for access readers
- MSC10-E100 multifunction logic controller included
- 88"H x 51" D



MPT 33C full height turnstile, galvanized	109520	\$4,999
MPT 33C full height turnstile, powder coated RAL 7042 gray	109526	\$5,999
Mounting bolts & hardware (required)	109521	\$86
Foundation ring (for installations on/in unstable surfaces)	109522	\$2,395
Kit to lock turnstile w/o power	109523	\$86
Release kit to unlock turnstile w/o power	109524	\$147
8' x 6' galvanized canopy with 4 gussets	109525	\$3,885

MPT-53 Double Full Height Turnstile

Dual passage lane, electromechanical solenoid locking bidirectional turnstile, 100 percent duty cycle, multifunction controller and mounting plates for card readers and other control devices.

- Bidirectional, 115VAC Solenoid locking system
- High security galvanized cage and column
- 120 degree U-shaped bars - includes plates for access readers
- MSC10-E100 Multifunction Logic Controller included
- 88"H x 51" D each lane



MPT-53 Double Full Height Turnstile, galvanized	109527	\$13,860
MPT-53 Double Full Height Turnstile, powder coated black	109532	\$15,795
Two (2) sets of mounting bolts & hardware part	109528	\$172
Foundation ring for MPT, consisting of galvanized steel including adjusting screws 15 cm tall, ideal for installations on/in unstable surfaces	109529	\$4,795
Additional kit for MPT53C to change from unlocked with no power to locked each direction with no power in either one or both directions	109530	\$170
Manual release kit to unlock turnstile whether or not power is supplied to the unit each direction	109531	294

MPG-12 Full Height Bidirectional ADA Swing Gate

- Ideal for wheelchair users, cyclists
- 115v AC motorized swing gate/locking mechanism
- Use stand alone or attached to full height turnstiles
- Galvanized steel
- 3-Phase magnetic high torque motor moves gate w/ slightest static or dynamic impact
- Modular Design
- Mounting bolts and hardware sold separately



MPG-12 Full Height Bidirectional ADA Swing Gate	109540	\$17,750
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Catrax Plus Waist-High Turnstile

Single pedestal housing with 20.3" arm length, (3 x) 120° pivot arms, high performance electromagnetic locking mechanism, up to 40 persons per minute, multifunction lane controller and mounting plates for card readers, etc. The models stand out for their versatility, attractive design and for their ease of integration with other security components, such as magnetic, biometric and proximity readers.



- 39.37"H x 34.24" W x 27.95"
- Passageway allow for a smooth turn and lessens the impact of the patrons after each passage.
- Optical sensors and electromagnets are used to activate locks, thus preventing mechanical wear and increasing equipment life.
- 2 LED pictograms (each side) "X" closed, "arrow" lane open
- Power supply protects against electrical surges/short-circuits
- Micro processor based controller unit can be easily interfaced with most available control devices. Four opto-isolated inputs (programmable to dry or hot inputs). Two directional inputs, alarms and outputs for directional LED pictograms, RS232 communication port.

Catrax Plus, steel, black powder coat	109534	\$2,495
Catrax Plus, brushed stainless steel	109536	\$2,940
Catrax Fit, steel, black powder coat (no door, base housing not accessible)	109533	\$1,799
Bidirectional electronic counter	109537	\$294

Catrax Master Waist-High Turnstile

Single pedestal housing with 20.3" arm length, (3 x) 120° pivot arms, high performance electromagnetic locking mechanism, up to 40 persons per minute, multifunction lane controller and mounting plates for card readers, etc. The models stand out for their versatility, attractive design and for their ease of integration with other security components, such as magnetic, biometric and proximity readers.



- 38.26"H x 27.43" W x 43.93"
- Locking mechanism activated by electromagnetic rotation signals generated by high output optical sensors completely avoiding mechanical wear.
- Polished stainless steel arms.
- Top cover is stainless steel plate finished with high impact injection molded plastic.
- Turnstile rotates freely in case of emergency or power failure
- Operational pictogram provides visual identification of permitted access (red "X", green "arrow" LED technology).
- 2 LED pictograms (each side) "X" closed, "arrow" lane open.
- Power supply protects against electrical surges / short-circuits.
- Micro processor based controller unit can be easily interfaced with most available control devices. Four opto-isolated inputs (programmable to dry or hot inputs). Two directional inputs, alarms and outputs for directional LED pictograms, RS232 communication port.

Catrax Master, steel, black powder coat	109538	\$4,170
Catrax Master, brushed stainless steel	109539	\$4,450
Bidirectional electronic counter	109537	\$294



Experience the benefits of Axis network cameras

Axis invented and launched the first network camera back in 1996 and ever since the company has been recognized as the leading expert in network video. To satisfy ever-increasing customer demands for more intelligent video surveillance systems, TAPCO and Axis continue to deliver products with innovative and unique features.

Superior image quality

Axis network cameras are built around the company's own application specific chips and provide crystal clear video images as well as outstanding network performance. Megapixel and HDTV network cameras are available to provide even more image details. Almost all Axis cameras employ progressive scan for superior image quality even in scenes with a high degree of motion.



Flexibility in video format, including H.264

Axis network cameras offer users the option of more than one video compression format. These formats include Motion JPEG, MPEG-4 Part 2 and H.264. H.264 is the latest addition and it offers substantial savings by reducing storage costs and increasing the overall efficiency. Without compromising image quality, H.264 can reduce the size of a video file by 80% compared with Motion JPEG and up to 50% compared with MPEG-4.



Cost-saving power over Ethernet (PoE)

Most Axis network cameras can be powered over the Ethernet (using the same cable as for data). Installation is easier and costs are reduced since there is no need to run separate cables for power. It also makes it easier to move a camera to a new location. With POE, a camera can still operate in the event of a power failure if the network is connected to an Uninterruptable Power Supply (UPS).

Intelligent video that solves real problems

With network video, intelligence has been brought into the camera itself, which allows for scalability and flexibility that are not achievable with analog cameras. Most Axis network cameras have built-in multi-window video motion detection, audio detection and event management. Other intelligent features include autotracking and active tampering alarm for increased camera reliability. Many cameras also provide the unique AXIS Camera Application Platform, which allows easy download of third-party analytics applications to the camera.



Scalable, easy to integrate and future proof

Axis network cameras, based on an open technology platform, can be easily integrated into other systems such as access control or point of sales, allowing expansion and increased functionality.

Lower total cost of ownership

Axis network cameras work with standard IP networks, computers and servers and support Power over Ethernet, to ensure substantial savings in installation, management and equipment costs.



Camera Station Video Management Software

View and record high quality video and audio from up to 100 cameras with H.264, MPEG-4 and Motion JPEG video compression. H.264 video compression enables optimization of bandwidth and storage efficiency. AXIS Camera Station utilizes camera based motion detection to save bandwidth and disk space. Manual recording can be triggered directly in the live view interface. AXIS Camera Station is developed with focus on ease-of-use and intuitive handling. Powerful recording search with time line visualization and export functionality is built in. Support for Site Maps allow full overview of the monitored area as well as quick access to any camera.

- Up to 100 cameras
- Scheduled and event driven recording
- Intuitive handling
- Control of PTZ and dome cameras
- Site maps
- Remote viewing and control

Camera Station, 4 Camera Base License	110089	\$785
Camera Station, 10 Camera Base License	110090	\$1,215
Camera Station, 1 Camera Add-On License	110091	\$125
Camera Station, 5 Camera Add-On License	110092	\$605
Camera Station, 20 Camera Add-On License	110093	\$2,395
Camera Station, 1 Year Upgrade License	110094	\$185

Video Surveillance Control Board

Axis Joystick gives responsive and accurate control of all Axis PTZ and PTZ dome network cameras. With AXIS T8312 Video Surveillance Keypad the user quickly navigates between workspaces, cameras, views and PTZ presets. The AXIS T8313 Video Surveillance Jog Dial is used for navigating through recorded video.

Joystick, Keypad & Jog Dial control board	110095	\$1,395
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PTZ Dome Network Cameras

These outdoor-ready pan/tilt/zoom network cameras offer 360° pan, 220° tilt, extensive zooming capabilities and advanced mechanical design for continuous camera movement. PTZ domes are ideal for live monitoring, where the user needs to actively follow a person or object. They can also be operated in guard tour mode, where the camera automatically moves between 100 preset positions. Automatic day and night mode with motion detection and auto tracking.



TAPCO item number and price	Q6032-E	Q6034-E	Q6035-E
	109187 \$3,199	109186 \$3,599	109182 \$3,999
Image sensor	1/4" ExView HAD progressive scan CCD	1/3" progressive scan CCD	1/2.8 progressive scan CMOS
Lens	3.4 - 119 mm/F1.4 auto iris and auto focus 35x optical zoom 12 x digital zoom	4.7 - 84.6 mm/F1.6 auto iris and auto focus 18 x optical zoom 12 x digital zoom	4.7 - 94 mm/F1.6 auto iris and auto focus 20 x optical zoom 12 x digital zoom
Horizontal angle of view	55.8° - 1.7°	55.2° - 3.2°	54.1° - 2.9° in HDTV 1080P 37.6° - 2° in HDTV 720P
Min illumination/light sensitivity (lux)	0.5 (color) 0.008 (B/W)	0.74 (color) 0.04 (B/W)	0.8 (color) 0.04 (B/W)
Video compression	H.264, Motion JPEG	H.264, Motion JPEG	H.264, Motion JPEG
Max video resolution (pixels)	D1: 720 x 480 (60 Hz), 720 x 576 (50 Hz)	HDTV 720P 1280 x 720	HDTV 1080P 1920 x 1080
Frames per second (60 / 50 Hz)	30 / 25 (D1)	30 / 25 (HDTV 720P)	H.264: 30 / 25 (HDTV 1080P) H.264: 60 / 50 (HDTV 720P)
Power	High PoE (Midspan supplied)	High PoE (Midspan supplied)	High PoE (Midspan supplied)
Other	Continuous motion 24 / 7, SD/SDHC slot, IP66 and NEMA 4X ratings, image stabilizer, WDR, Arctic Temperature Control	Continuous motion 24 / 7, SD/SDHC slot, IP66 and NEMA 4X ratings, WDR, AVHS ⁽¹⁾ , ONVIF, Arctic Temperature Control	Continuous motion 24 / 7, SD/SDHC slot, IP66 and NEMA 4X ratings, WDR, AVHS ⁽¹⁾ , ONVIF, Arctic Temperature Control

⁽¹⁾ AVHS - AXIS Video Hosting System with One-Click Camera Connection



Wall mount Bracket includes mounting plate

AXIS T91A61 Wall Bracket 109183 **\$99**



Pole mount bracket

AXIS T91A67 Pole mount Bracket 109185 **\$99**



Corner Bracket requires Wall Bracket (109183)

AXIS T91A64 Corner Bracket 109184 **\$79**

Thermal Network Cameras

A thermal network camera creates images based on the heat that always radiates from any object, vehicle or person. The cameras see through complete darkness and deliver images that allow operators to detect and act on suspicious activity around the clock in all conditions. Intelligent video features include motion detection, audio detection, tampering alarm and AXIS Camera Application Platform.



TAPCO item number and price	Q1921-E	Q87-E
	109200 \$4,499	114014 \$18,725
Image sensor	Un-cooled Micro bolometer	V: progressive scan CMOS, T: Un-cooled Micro bolometer
Lens / horizontal angle of view	10 mm: F1.2 / 55°, 19 mm: F1.0 / 29° 35 mm: F1.2 / 15°, 60 mm: F1.2 / 9°	51mm: F1.8-2.1 / 48.1° - 5.1°
Detection range (m/yd.)	10 mm: 200 / 220 ^(a) 460 / 515 ^(b) 19 mm: 380 / 415 ^(a) 870 / 950 ^(b) 35 mm: 700 / 765 ^(a) 1610 / 1760 ^(b) 60 mm: 1200 / 1312 ^(a) 2760 / 3020 ^(b)	35 mm: 700 / 766 ^(a) 2200 / 2405 ^(b) 60 mm: 1200 / 1312 ^(a) 3700 / 4046 ^(b)
Sensitivity	NetD < 100 mK	NetD < 100mk
Video compression	H.264 Motion JPEG	H.264 motion JPEG
Max video resolution	384 x 288 pixels	384 x 288 pixels
Frames per second	8.3 (60 Hz) / 30 ⁽¹⁾ (50 Hz)	30/ 25 fps
Audio support	Two-way	-----
Alarm in/outputs	2 configurable inputs/outputs	2 configurable inputs/outputs
Power	AC/DC PoE IEEE 802.3af Class 3	24 V AC 50/ 60 Hz
Serial connectors	RS-422/RS-485	RS-422/RS-485
Outdoor use	Outdoor ready	Outdoor ready
Other	IP66 rating, palette setting, SD/SDHC card slot, ONVIF, AVHS ⁽²⁾	Gatekeeper

Notifications ^(a) and ^(b) refer to detection range measured for ^(a) humans 1.8 m x 0.5 m and ^(b) vehicles 2.3 x 2.3 m;

⁽¹⁾ 30 fps available for EU001 compliant countries such as U.S. and Canada;

⁽²⁾ AVHS - AXIS Video Hosting System with One-Click Camera Connection



For system design or installation assistance please call 800-814-7337 to speak with a TAPCO solution engineer



Fixed Dome Network Cameras

A fixed dome network camera is a compact camera solution with a dome casing. Its main benefit lies in its discreet, non-obtrusive design, as well as in the fact that it is difficult to see in which direction the camera is pointing. The camera's dome casing design offers efficient protection against redirection and de-focusing.

TAPCO item number and price	M3114-R 109201 \$549	M3007-PV 114013 \$649	P3346-VE 109195 \$1,249	P3367-VE 109191 \$1,399	P1347-E 109197 \$1,699	Q1604-E 109208 \$1,299
Image sensor	1/4" progressive scan CMOS	1/3.2" progressive scan CMOS	1/3" (effective) progressive scan CMOS	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS	1/3" progressive scan CMOS
Lens	2.9 mm/F2.0 fixed iris	1.3 mm, f2.8, fixed iris M12 mount	Varifocal, P-iris, remote focus and zoom 3–9 mm/F1.2	Varifocal, P-iris, remote focus and zoom 3–9 mm/F1.2	Varifocal 3.5 - 10 mm/F1.6 P-Iris, CS mount Remote back focus	Varifocal 2.8 – 8 mm/F1.2 DC-iris, CS mount
Horizontal angle of view	80°	187°	84° - 30°	84° - 30°	89° - 33°	80° - 34°
Day and night	–	–	Automatic	Automatic	Automatic	Automatic
Min illumination/light sensitivity (lux)	1 - 100,000	0.6 - 200,000	0.5 (color), 0.08 (B/W)	0.2 (color), 0.04 (B/W)	0.5 (color) 0.08 (B/W)	0.1 (color) 0.02 (B/W)
Video compression	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG	H.264 Motion JPEG
Max video resolution	1280 x 800 (1 MP) ⁽²⁾	2592x1944(5 MP)	2048 x 1536 (3 MP)	2592 x 1944 (5 MP)	2560 x 1920 (5 MP)	1280 x 960 (1 MP)
Frames per second	30 (1280 x 800) 30 (HDTV 720P)	12 (2592x1944)	20 (2048 x 1536) 30 (HDTV 1080P) 30 (1600 x 1200)	12 (2592 x 1944) 20 (2048 x 1536) 30 (HDTV 1080P) 30 (1600 x 1200)	12 (2560 x 1920) 20 (2048 x 1536) 30 (HDTV 1080P)	30 (1280 x 960) 30 (HDTV 720P)
Audio support	–	–	Two-way, Built-in mic	Two-way, Built-in mic	Two-way, Built-in mic	Two-way, Built-in mic
Alarm in-/outputs	–	–	1/1	1/1	1/1	1/1
Intelligent video	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform	Motion detection Audio detection Tampering alarm AXIS Camera Application Platform
Power	PoE IEEE 802.3af, Class 1	PoE IEEE 802.3af, Class 2	PoE IEEE 802.3af, Class 3	PoE IEEE 802.3af, Class 3	PoE IEEE 802.3af Class 3, High PoE	PoE IEEE 802.3af Class 3, High PoE
Other	Rugged connectors for mobile surveillance, IP66, IP67 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, AVHS ⁽¹⁾ , Corridor Format™	360°/180° panoramic views, vandal resistant, IP42 rating, digital PTZ, pixel counter, memory card slot, AVHS ⁽¹⁾	IP66 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format™	Vandal resistant IP66 and NEMA 4X ratings, WDR, digital PTZ, pixel counter, SD/SDHC card slot, AVHS ⁽¹⁾ , ONVIF, Corridor Format™	WDR, digital PTZ, pixel counter, multi-view streaming, SD/SDHC card slot, IP66 and NEMA 4X ratings	WDR-Dynamic capture, digital PTZ, pixel counter, SD/SDHC card slot, AVHS, ONVIF, Corridor Format™



Fixed Dome IR-LED Illuminator indoor/outdoor, low light or complete darkness

AXIS T90C20 Fixed Dome IR-LED

109194 **\$349**



Pendant Kit for AXIS P3344-VE, AXIS P3346-VE

AXIS P33-VE Series Pendant Kit 109193 **\$49**

Fixed Network Cameras

A fixed network camera meets a variety of application needs and its traditional camera design adds a deterring effect. The viewing direction is set once the camera is mounted.



Monitor, Document and Promote Your Transportation Project

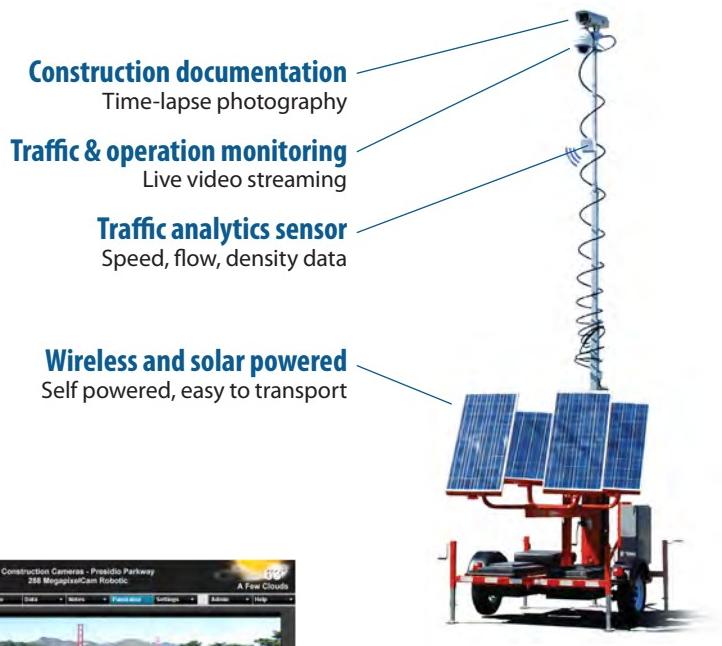
EarthCam® provides both live video for ITS active traffic management applications, as well as megapixel cameras for construction documentation and progress promoting time-lapse videos.

Mobile cameras to manage traffic operations

- Active traffic management
- Smart work zone analytics
- Rapid emergency deployment

Construction cameras for documentation

- Monitor critical infrastructure
- Create high def time-lapse presentations
- Promote progress to the public



Control Center 7 Software

Control your cameras remotely from your desktop or mobile device

TrafficCam Lite Megapixel Traffic Management Camera

Perfect for smaller, shorter duration projects.

- 640 x 480 live streaming video
- 22 x optical zoom
- 1.2 Megapixel image archiving
- High-speed robotic Pan/Tilt/Zoom
- All weather dome housing with heater and fan



TrafficCam Lite Megapixel	109923	\$3,595
1 year Software Service and Support	109806	\$6,295
1 month Archiving (capture every 5 minutes)	109805	\$350

TrafficCam HD Traffic Management Camera

The best way to stream live video to your public website.

- Streams 16:9 full-frame live HD video
- Remote robotic control with 120 X zoom
- 2 Megapixel image archiving
- Maintenance-free wiper system
- Monitor and document over 4G wireless networks



TrafficCamHD	109804	\$6,795
1 year Software Service and Support	109806	\$6,295
1 month Archiving (capture every 5 minutes)	109805	\$350



700 MegapixelCam Robotic

Ideal for long-term, complex projects. You can wallpaper your lobby with the images this camera produces. When your project requires the highest image quality available, this dependable and rugged outdoor system is your best choice. It's ideal for long-term, major projects that are wide in scope where you can benefit from its unique 288 Megapixel panoramas.

- Auto-generated 700 MP multi-layer 360° panoramas
- Nikon optics for superior quality
- 640 x 480 live streaming video preview
- Take and share on demand snapshots
- Ultra-precise PTZ controls with multiple presets
- Thermostatically regulated, corrosion-resistant enclosure with maintenance-free wiper

700 MegapixelCam Robotic	109003	\$19,950
1 month Software Service, Support and Archiving	109807	\$995



Mobile TrailerCam, MegapixelCam Robotic

Perfect for critical documentation of large area projects.

- Ultra-precise PTZ controls with multiple presets
- Auto-generated 288 MP multi-layer panoramas
- Take and share on demand snapshots
- 42' telescoping mast
- AGM battery, 75 Amp battery charger
- GPS 3G/4G Modem
- Real-time remote data management

Mobile TrailerCam - MegapixelCam Robotic	109808	\$57,950
1 month Software Service, Support and Archiving	109807	\$995



6 MegapixelCam

Great for short to mid-term projects.

- Image as large as 3,088 x 2,056 pixels
- Digital Pan/Tilt/Zoom within captured image
- Take and share on demand snapshots
- Heavy-duty enclosure with heater and fan

6 MegapixelCamera to document projects w/hardware	109810	\$4,295
1 month Software Service, Support and Archiving	109809	\$575



16 MegapixelCam Advanced

Perfect for larger, long-term projects. HD fixed position camera with live video and maintenance-free wiper. EarthCam's top-of-the-line megapixel camera feature live streaming video and superior HD images for archival documentation and time-lapse photography.

- 16 MP large high definition images: 4,288 x 2,848 pixels
- 640 x 480 live streaming video preview
- Take and share on demand snapshots
- Nikon optics for superior quality
- Digital presets and Pan/Tilt/Zoom within captured image
- Thermostatically regulated, corrosion-resistant enclosure with maintenance-free wiper

16 MegapixelCam Advanced	109811	\$7,795
1 month Software Service, Support and Archiving	109807	\$995



Mobile TrailerCam Lite

An economical, budget-friendly self-powered trailer. Features a mast-mounted robotic camera controllable over the Internet via a password protected website. The EarthCam® Mobile TrailerCam provides self-generated solar power and a wireless communication making secure video transmission completely portable. A pressurized robotic infrared camera system mounts to a 30 foot telescoping mast, providing a strategic overview of your site.

- Robotic - 340° lightweight dome camera
- 12 x optical, 4 x digital zoom
- 30' telescoping mast
- Flooded battery, 50 Amp battery charger
- 3G/4G Modem
- Limited remote data management

Mobile TrailerCam Lite	109004	\$39,795
1 year Software Service and Support	109806	\$6,295
1 month Archiving (capture every 5 minutes)	109805	\$350

Mobile TrailerCam Standard

Self-powered trailer features mast-mounted robotic camera controllable over the Internet via a password protected website. The EarthCam® Mobile TrailerCam provides self-generated solar power and a wireless communication making secure video transmission completely portable. The pressurized robotic infrared camera system mounts to a 30 foot telescoping mast to provide a strategic overview of your site.

- Robotic - 360° pressurized camera
- 25 x optical, 12 x digital zoom
- 30' telescoping mast
- AGM battery, 75 Amp battery charger
- GPS 3G/4G Modem
- Real-time remote data management

Mobile TrailerCam Standard	109005	\$49,950
1 year Software Service and Support	109806	\$6,295
1 month Archiving (capture every 5 minutes)	109805	\$350

Mobile TrailerCam Advanced

Self-powered rugged, wind-resistant, trailer features live robotic camera for traffic management and work zone monitoring. The EarthCam® software features dynamic visualization and flow graphs of density, volume, speed and vehicle class by lane for up to 10 lanes. Selectable triggers activate VMS sign information, plus email and on line alerts.

- Robotic - 360° dome camera
- 35x optical, 12 x digital zoom
- 42' telescoping mast
- AGM battery, 75 Amp battery charger
- GPS 3G/4G Modem
- Real-time remote data management

Mobile TrailerCam Advanced	109006	\$57,950
1 year Software Service and Support	109806	\$6,295
1 month Archiving (capture every 5 minutes)	109805	\$350

Traffic Data Sensor with Real-Time Analytics

EarthCam's Control Center software provides a service that allows today's ITS professionals to view reports detailing traffic activity and patterns. Knowing the number of vehicles and their speeds in any weather conditions accelerates traffic reporting to improve highway management. The easy to read illustrative software makes reporting conditions to the public to divert traffic a simple task. The analytic sensors track activity lane by lane with up to 10-lane accuracy. Additional benefits include: real time analysis for fast response; information archived for traffic pattern studies; comparative lane performance for up to 10 lanes; and accurate digital traffic reporting.

- Real-time analytics
- Detects and reports up to ten lanes of traffic
- Travel time analytics broadcasting
- Automated traffic alerts
- NTCIP Compliant devices for remote DMS management
- Google map integration
- 4 1/2 lbs. includes hardware

Traffic Data Sensor with Real-Time Analytics

109812 **\$8,895**



Standalone and Rack Mount Codecs

The MPC and MPX series of networking devices is scalable from simple point-to-point fiber based systems to large scale distributed IP video network systems with full management for switching, control and security. The MPX products rely on industry standards; hence they can be deployed

in any standards based system. Encoders provide H.264, MPEG-4, MJPEG and MPEG-2 video compression with full resolution and full frame rate for PAL and NTSC video signals. Number of high quality audio channels, EIA RS type data channels and contact closure channels are also supported.

MPC-D1 One Channel Video Decoder

Simultaneous reception and decoding of one full frame rate and full resolution video channel, bidirectional EIA-RS 232 / 422 / 485 data channels (2), high quality audio channels (1) and contact closure channel (1) over fast ethernet network.



MPC-D1, Electrical network interface, RJ-45 connector 60x130x130mm	3909-00002	\$1,210
MPC-D1, Optical SFP network interface, 1 Channel, LC connector (SFP not included), 60x130x130mm	3909-00247	\$1,345

MPC-D2 Two Channel Video Decoder

Two full frame rate and full resolution video channels, bidirectional EIA-RS 232 / 422 / 485 data channels (2) and high quality audio channels (1) over fast ethernet network.



MPC-D2, Electrical network interface, RJ-45 connector, 80 x 130 x 130 mm	3909-00248	\$1,345
MPC-D2, Optical SFP network interface, 2 Channel, LC connector (SFP not included), 60x130x130mm	3909-00249	\$1,480

MPC-D4 Four Channel Video Decoder

Simultaneous reception and decoding of four full frame rate and full resolution video channels, bidirectional EIA-RS 232 / 422 / 485 data channels (2) and high quality audio channels (2) over fast ethernet network.



MPC-D4, Electrical network interface, RJ-45 connector, 80 x 130 x 130 mm	3909-00011	\$2,290
MPC-D4, Optical SFP network interface, 4 Channel, LC connector, (SFP not included) 80 x 130 x 130	3909-00250	\$2,425

MPX-D8 Eight Channel Video Decoder



Simultaneous reception and decoding of eight full frame rate and full resolution video channels, bidirectional EIA-RS 232 / 422 / 485 data channels (3), high quality audio channels (1) and complementary bridging Ethernet interface (1) over fast ethernet network.

MPX-D8, Electrical network interface RJ-45 connector, 19"W x 1"H	3909-00012	\$4,045
MPX-D8, Optical SFP network interface, 8 Channel, LC connector, (SFP not included), 19"W x 1"H	3909-00251	\$4,180

MPC-E1 One Channel Video Encoder



One full frame rate and full resolution video channel (1), bidirectional EIA-RS 232 / 422 / 485 data channels (2), high quality audio channels (1) and contact closure channel (1) over fast ethernet network.

MPC-E1, Electrical network interface, RJ-45 connector 60x130x130mm	3909-00001	\$1,010
MPC-E1, Optical SFP network interface, 1 Channel, LC connector (SFP not included), 60x130x130mm	3909-00254	\$1,145

MPC-E2 Two Channel Video Encoder



Two full frame rate video channels, bidirectional EIA-RS 232 / 422 / 485 data channels (2) and high quality audio channels (1) over fast ethernet network.

MPC-E2, Electrical network interface, RJ-45 connector 60x130x130mm	3909-00255	\$1,145
MPC-E2, Optical SFP network interface, 2 Channel, LC connector (SFP not included), 60x130x130mm	3909-00256	\$1,280

MPC-E4 Four Channel Video Encoder



Four full frame rate video channels, bidirectional EIA-RS 232 / 422 / 485 data channels (2) and high quality audio channels (2) over fast ethernet network.

MPC-E4, Electrical network interface, RJ-45 connector, 80 x 130 x 130 mm	3909-00013	\$1,885
MPC-E4, Optical SFP network interface, 4 Channel, LC connector, (SFP not included) 80 x 130 x 130	3909-00257	\$2,020

MPX-E8 Eight Channel Video Encoder



Eight full frame rate video channels, high quality audio channel (1), bidirectional EIA-RS 232 / 422 / 485 data channels (3) and one (1) complementary Ethernet interface over fast ethernet network.

MPX-E8, Electrical network interface, 8 Channel, RJ-45 connector, 19"W x 1'H	3909-00258	\$3,235
MPX-E8, Optical SFP network interface, 8 Channel, LC connector, (SFP not included), 19"W x 1'H	3909-00259	\$3,370

Accessories

FS2 fast ethernet SFP Optical single mode 1310nm dual LC connector, 30KM	3909-00245	\$130
FS2 fast ethernet SFP Optical single mode 1310nm dual LC connector, 60KM	3909-00246	\$170
MPX Power supply/adapter, NEMA 5-15 plug 115VAC / 12VDC 2.1A	3909-00003	\$149



SlideDriver™ Hydraulic Slide Gate Operators

As the original ultra-reliable and secure hydraulic slide gate operator, SlideDriver™ is chosen for thousands of secure sites nationwide. Fully enclosed hydraulic motors drive a rigid drive rail passing between two compressed polyurethane wheels. Few moving parts. Lasts decades.

Site: Mission critical high security and reliability. High cycle. Light to extremely heavy gates. Very long gates. Crash gates. Any gate style. Quick open. Low maintenance.

Typical Sites: Airport, government, freight handling, nuclear, power, railway, military base, embassy, water treatment, petrochemical, correctional facility, law enforcement, port, sports arena.

Operator: Continuous duty. Hydraulic. Smart Touch Controller with diagnostics and integrated security reporting. 1 to 3 ft. per second, up to 20,000 lb. gate. Gate length limited only by weight. All voltage/phases. Steel cover. Out-of-box synchronization with all HySecurity operators for master-slave, sally port or other specialized, multiple operator applications.

SlideDriver 10, 1 hp, 1 ft/s (30 cm/s), 1000 lb. gate max, 300 lb. draw pull bar	106586	\$7,750
SlideDriver 10, 1 hp, 1 ft/s (30 cm/s), 1000 lb. gate max, 300 lb. draw pull with UPS backup (DC battery backup for full functionality during power loss)	108712	\$13,870
SlideDriver 30F, 2 hp, 1.7 ft/s (50 cm/s), 3000 lb. gate max, 300 lb. draw pull bar	106991	\$9,770
SlideDriver 30F, 2 hp, 1.7 ft/s (50 cm/s), 3000 lb. gate max, 300 lb. draw pull bar with UPS backup (DC battery backup for full functionality during power loss)	108713	\$15,870
SlideDriver 30F, 1 hp, 1.7 ft/s (50 cm/s), 3000 lb. gate max, 300 lb. draw pull bar, correctional facility model (heavier, ten gauge cover for added protection and three options for high security cover lock)	108714	\$10,530
SlideDriver 50VF2, 2hp 2.2 ft/s (70 cm/s), 5000 lb. gate max, 300 lb. draw pull	108715	\$10,290
SlideDriver 80, 1 ft/s (30 cm/s), 8000 lb. gate max, 600 lb. draw pull bar	108716	\$10,720
SlideDriver 200, 1 ft/s (30 cm/s), 20000 lb. gate max, 1200 lb. draw pull bar	108717	\$21,680
Vehicle detector, for all Hy-Security slide gate operators	105987	\$175



	1,000 lb. gates 1 ft/s (30 cm/s)	3,000 lb. gates 1.7 ft/s (50 cm/s)	5,000 lb. gates 2.2 ft/s (70 cm/s)	8,000 lb. gates 1 ft/s (30 cm/s)	20,000 lb. gates 1 ft/s (30 cm/s)
Model	SlideDriver™ 10	SlideDriver™ 30F	SlideDriver™ 50VF2	SlideDriver™ 80	SlideDriver™ 200
TAPCO item number	106586 / 108712	106991 / 108713 / 108714	108715	108716	108717
Duty Cycle	Continuous	Continuous	Continuous	Continuous	Continuous
Horsepower	1 hp	2 hp	2 hp	2 hp	5 hp
Drive Wheels	Two 6" (15 cm) wheels	Two 6" (15 cm) wheels	Two 8" (20 cm) wheels	Two 8" (20 cm) wheels	Four 8" (20 cm) wheels
Gate Weight	1,000 lb. (453 kg) gate max.	3,000 lb. (1,361 kg) gate max.	5,000 lb. (2,268 kg) gate max.	8,000 lb. (3,629 kg) gate max.	20,000 lb. (9,072 kg) gate max.
Gate Length	Limited only by weight				
Draw bar pull	300 lb. (136 kg)	300 lb. (136 kg)	300 lb. (136 kg)	600 lb. (136 kg)	1,200 lb. (544 kg)
Rate of Travel	1 ft/s (30 cm/s)	1.7 ft/s (50 cm/s)	2.2 ft/s (70 cm/s)	1 ft/s (30 cm/s)	1 ft/s (30 cm/s)
1 phase Voltage	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	208/230 60 Hz 220 50 Hz	208/230 60 Hz 220 50 Hz	230 60 Hz
3 phase Voltage	208/230/460/575 60 Hz 220/380 50 Hz				
UL 325 Listing	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV	Usage Class III, IV
Warranty	5 year				



	SwingSmart™ DC 20	SwingSmart™ DCS 20
TAPCO item number	108724	108725
Gate Size	1,300 lb. (590 kg) for 12 ft. (4 m) gate 800 lb. (363 kg) for a 16 ft. (5 m) gate 600 lb. (272 kg) for a 20 ft. (6 m) gate	1,300 lb. (590 kg) for 12 ft. (4 m) gate 800 lb. (363 kg) for a 16 ft. (5 m) gate 600 lb. (272 kg) for a 20 ft. (6 m) gate
Open/Close Time	Adjustable 10 to 15 seconds Open/Close time set independently	Adjustable 10 to 15 seconds Open/Close time set independently
Duty Cycle	Continuous	Continuous
Horsepower	½ hp	½ hp
Standard battery backup cycles*	Up to 300 cycles after AC power loss	N/A
Extended battery backup cycles*	Up to 1,200 cycles after AC power loss	N/A
Temp. Rating	-13°F to 158°F (-25°C to 70°C)	-13°F to 158°F (-25°C to 70°C)
Certification	500,000 cycles	500,000 cycles
Voltage Input	115v or 230v, 50/60 Hz Call for 208v 50/60 Hz	24v solar panels
Accessory Power	12VDC and 24VDC and 24VAC 1 A each	12VDC and 24VDC 1 A each
Communication	USB, RS-232, RS-485, Ethernet option	USB, RS-232, RS-485, Ethernet option
UL 325 Listing	Usage Class I, II, III, IV	Usage Class I, II, III, IV
Warranty	5 year	5 year

*Battery backed up cycles will depend on gate resistance to travel, cycle length, battery longevity, ambient temperature, accessories drawing battery power and frequency of gate cycles during power outage.

SwingSmart™ DC 20 Swing Gate Operators



HySecurity's operators secure the world's critical infrastructure and key assets where ultimate reliability is vital, places like the Pentagon, international airports and nuclear power plants. SwingSmart™ DC delivers that same uncompromising quality to commercial and residential customers, where ease of use, elegant operation, low maintenance and high reliability are expected. High torque DC motor and microprocessor controlled acceleration and deceleration combine to reliably handle gates up to 20 ft. or 1,300 lbs. Extra power to overcome wind resistance. Too far from AC power? With adequate sun, pair SwingSmart™ DCS (Solar) with solar panels or use our low voltage kit to eliminate expensive deep trenching. Standard feature uninterrupted battery power provides up to 300 gate cycles after AC loss. SwingSmart™ can also power your access control and safety devices.

SwingSmart DC 20 swing gate operator	108724	\$3,200
SwingSmart DCS 20 solar-ready swing gate operator	108725	



HySecurity® Operator Setup and Diagnostics Tools

Smart Touch Analyze and Retrieve Tool allows users to upload latest operator software, download fault logs, generate diagnostics and program the operator using a laptop. HySecurity® operators' engineered electronics detect, report and trigger automated site-specified actions when critical security breaches occur. Abnormal operation or security breach reporting integrates easily to centralized security monitoring systems through HySecurity's unique, powerful and feature-rich Smart Touch Controller.



- Open or close limit reached
- Tailgating
- Vehicle detector or loop malfunction
- Loitering
- Gate forced open
- AC power loss



SlideSmart Gate Operators



UPS backup, chain driven, variable speed slide gate operator for residential and commercial applications field tested in the coldest, hottest, most humid, windy and brutal environments. Most moving parts are protected from vandalism and tampering by the heavy duty, key-locked cover. Robust, low flex locking chassis meets the most demanding site, climate and usage demands. UPS backup supports normal full system gate operation for days after AC power loss. Adjustable individual programming of open and close speeds (0.75 to 2.25 ft/s). All HySecurity operators offer industry leading site intelligence and security system integration (USB, RS-232, RS-485 and optional Ethernet). The Smart DC Controller, HySecurity's next generation intelligent controller, offering easy dual gate synchronization, alert, fault and error reporting, maximized battery life and 32 character LCD screen.

SlideSmart DC 15 slide gate operator	108719	\$2,900
Solar SlideSmart DC 15 slide gate operator	108720	
SlideSmart DC 10F slide gate operator	108722	\$3,100
Solar SlideSmart DC 10F slide gate operator	108723	



	SlideSmart DC 15 	SlideSmart DC 15 	SlideSmart DC 10F 	SlideSmart DC 10F
TAPCO item number	108719	108720	108722	108723
Max gate weight	1,500 lb. (680 kg)	1,500 lb. (680 kg)	1,000 lb. (453 kg)	1,000 lb. (453 kg)
Max gate length	40 ft. (12 m)	40 ft. (12 m)	40 ft. (12 m)	40 ft. (12 m)
Open/Close Time	0.75 - 1.25 ft/s (23 to 38 cm/s) Open/Close time set independently	0.75 - 1.25 ft/s (23 to 38 cm/s) Open/Close time set independently	1.75 to 2.25 ft/s (53 to 69 cm/s) Open/Close speed set independently	1.75 to 2.25 ft/s (53 to 69 cm/s) Open/Close speed set independently
Duty Cycle	Continuous	Continuous	Continuous	Continuous
Horsepower	½ hp	½ hp	½ hp	½ hp
Standard battery Backup gate travel*	Up to 4,000 ft. (1,219 m)	N/A	Up to 4,000 ft. (1,219 m)	N/A
Extended battery backup gate travel*	Up to 25,000 ft. (7,620 m)	N/A	Up to 25,000 ft. (7,620 m)	N/A
Temp. Rating	-13°F to 158°F (-25°C to 70°C)	-13°F to 158°F (-25°C to 70°C)	-13°F to 158°F (-25°C to 70°C)	-13°F to 158°F (-25°C to 70°C)
Voltage Input	115v or 230v, 50 / 60 Hz Call for 208v 50 / 60 Hz	24v solar panels	115v or 230v, 50 / 60 Hz Call for 208v 50 / 60 Hz	24v solar panels
Accessory Power	12VDC and 24VDC and 24VAC 1 A each	12VDC and 24VDC and 24VAC 1 A each	12VDC and 24VDC and 24VAC 1 A each	12VDC and 24VDC and 24VAC 1 A each
Communication	USB, RS-232, RS-485, Ethernet option	USB, RS-232, RS-485, Ethernet option	USB, RS-232, RS-485, Ethernet option	USB, RS-232, RS-485, Ethernet option
UL 325 Listing	Usage Class I, II, III, IV**	Usage Class I, II, III, IV**	Usage Class III, IV**	Usage Class I, II, III, IV*
Warranty	5 year	5 year	5 year	5 year

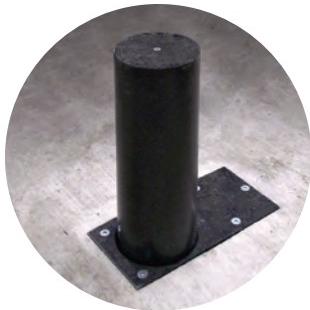
*SlideSmart DC is exceptionally energy efficient, however actual battery backed up gate travel will depend on gate resistance to travel, cycle length, battery longevity, ambient temperature, accessories drawing battery power and frequency of gate cycles during power outage.

**Speed setting cannot exceed 1 ft/s for Class I and II usage.

B-30 K8 Rated Bollard System

- DOS Certified K8 rating 15,000 lbs. @ 40 mph (6,803.9 kg @ 64.4 km/hr)
- Operate as a set or independently
- Automatic, semi-automatic, fixed and removable
- Precision machined anti-friction surfaces
- Field adjustable controls provide individual speed control
- High cycles
- Long-term durability
- Decorative sleeve options
- Lost casing design for ease of install and maintenance

NEW item



B&B ARMR's Model B-30 High Security Vehicle Access Control Bollard Systems are expertly and aesthetically designed to act as a vehicular deterrent for perimeter security and traffic control purposes. Engineered for simple installation, fast service and easy relocation, the Model B-30 is constructed of high strength steel cylindrical units encased in movable bollard tubes guided by an offset flange assembly with precision molded anti-friction surfaces. All subterranean components including the foundation are coated to prevent corrosion.

DOS Certified K8 rating 15,000 lbs. @ 40 mph (6,803.9 kg @ 64.4 km/hr) (automatic and semi-automatic). The automatic (hydraulic) operation of the bollard system is ideal for areas requiring continual operation and access. Semi-automatic bollards are ideal for locations where power is either unavailable or not practical to provide.

Model B-30 features three operation modes further allowing tailored control solutions for any type of facility or environment. Automatic (hydraulic and pneumatic) operation of the bollard system requires minimal surveillance and is ideal for areas requiring continual operation and access. Manual bollards are best suited for facilities requiring a higher level of security where constant guard is kept and removable bollards are typically used as temporary traffic diversions.



Arranged independently or engineered to work as a set, the Model B-30 Bollard System incorporates dual speeds for normal operation (4-5 seconds) and emergency fast operation (2-3 seconds) for when immediate deterrence is required. The bollards also feature three operating methods including card reader activation, push button and vehicle detector to suit the entry/exit characteristics of any operation.

This bollard system allows government facilities, military installations, industrial and petrochemical facilities to take the necessary steps to protect both property and personnel from vehicle threats.

Bollard System,6 Unit,Model # B30K-620H,DOS K-8 w/2 Lane HPU,Control panel & 2 Traffic Signals	114788	\$88,750
Bollard System,3 Unit,Model # B30K-300H,DOS K-8 w/1 Lane HPU,Control panel & Traffic Signal	114789	\$54,650
Bollard System,6 Unit,Model # B30K-600H,DOS K-8 w/1 Lane HPU,Control panel & Traffic Signal	114790	\$86,950
Bollard System,10 Unit,Model # B30K-A00H,DOS K-8 w/1 Lane HPU,Control panel & Traffic Signal	114791	\$132,850
Bollard Pop-up,1 System,Model # B30K-100M,Manual DOS K8 Certified,Includes Lost Casing Foundation	114908	\$8,795
Bollard Pop-up,3 System,Model # B30K-300M,Manual DOS K8 Certified,Includes Lost Casing Foundation	114909	\$25,750





890 Surface Mount Barrier

- Crash tested per U.S. Marshal's Standard
- Stopping Power 4,000 lbs. @ 30 mph (1,814.4 kg @ 48.3 km/hr)
- Built in pumping unit
- Surface mount design
- Superior corrosion protection
- Long-term durability
- Continuous duty operation
- Low maintenance
- Ease of installation and integration

**NEW
item**

**B&B
ARMR**

Designed for facilities and environments requiring a medium to high level of perimeter protection, Model 890 is ideally suited for commercial applications including business parks, school campuses, shopping malls, hotels, museums and apartment complexes.

B&B ARMR's Surface-Mount Barricades are constructed of heavy-gauge steel shapes and weldments designed to transmit the energy of the impacting vehicle to the foundation. The barrier is operated by a self-contained pumping unit designed specifically for the user's application and is equipped with all valves, ports and fittings to operate the barricade for continuous use.

Installation of the crash barrier is simple with its surface-mount design so there is no need for any major excavation work on existing roads or paved surfaces. Model 890 bolts onto an existing concrete slab or roadway and comes complete with all necessary accesses for drains, hydraulic conduits and electrical services to further ease the installation process. The pumping unit also includes a universal programmable logic controller that allows control of the barricade with push buttons, card reader, safety and free exit loops. The barrier is provided with safety locks that may be used during servicing to secure the unit for long periods of time.



Surface Mount Barriers, 9'L, Model 890HK-108, programmable controller, loop	114910	\$26,500
Surface Mount Barriers, 9'L, Model 890HK-108TG, 30MPH rated, 208/3/60 motor, vehicle warning gate and signal	114911	\$31,495
Surface Mount Barriers, 11'L, Model 890K-132, 30 MPH Rated, 208/3/60 motor, programmable controller, loop	114912	\$29,895
Surface Mount Barriers, 11'L, Model 890K-132TG, 30MPH rated, 208/3/60 motor, vehicle warning gate and signal	114913	\$33,500

850 K4 Rated Portable Barrier

- DOS Certified K4 rating 15,000 lbs. @ 30 mph (6,803.9 kg @ 48.3 km/hr)
- Hydraulic and manual operation
- Custom barrier designs available
- No excavation needed
- Fully operational within 15 minutes
- Simple relocation with minimal effort
- Long-term durability
- DC powered system available
- Towable design

**NEW
item**

**B&B
ARMR**

Fully tested by an independent testing facility and certified by U.S. Department of Defense, Model 850 Portable Barriers provide a high level of security for permanent and temporary applications at institutions such as military bases, government facilities, or commercial and industrial installations. The Model 850 Portable Barrier utilizes standard relay logic which will allow the control of the barrier with the supplied up/down push button control station. Designed to be rapidly deployed in an emergency situation and fully operational within 15 minutes. The barrier may be towed into position using a truck, and, once in place, the barrier is lowered into position with built-in jacks. With a clear opening of 12 feet, the Model 850 Portable Barrier serves as an instant road block for event control or areas where foundation work cannot be done. On unpaved or uneven road surfaces, the stabilizers on the back side of the unit serve as additional reinforcement.



Portable Surface Barrier, 12' Long, Model 850K-144WTL with wheel, hitch, manual pump, DOS K8 Certified 114914 **\$47,500**

Portable Surface Barrier, 12' L, Model 850K-144WTLB with wheel, hitch, pump & battery backup, DOS K8 Certified 114915 **\$49,950**

Portable Surface Barrier, 12' Long, Model 850K-144 with manual pump, traffic lights, DOS K8 Certified 114916 **\$42,500**

Portable Surface Barrier, 12' Long, Model 850K-144B with manual pump and battery backup, DOS K8 Certified 114917 **\$46,950**

LXL Hydraulic Slide Gate Operators

- More secure than chain-drive units
- Low maintenance, self contained hydraulic system with minimal wear items
- UL 325 Compliant, ETL Listed
- Safe 24VAC/24VDC controls standard
- Drive rail increases rigidity of gate panel
- Continuous duty operation
- Hand release for manual operation
- Built-in maximum run timer and timer to close
- On board 3 button control station
- On board LCD display for programming, setting of parameters and diagnostics

LXL Series Hydraulic Slide Gate Operators are designed for consistent and dependable operation of all styles of sliding gates in a variety of high cycle applications. The LXL Gate Operators are ideal for highly sensitive commercial and industrial facilities such as airports, oil refineries and power plants. They are easily adaptable to lower risk applications including gated communities, small businesses and private residence facilities. LXL Series hydraulic operators do not require constant maintenance typical of units with chains, sprockets, belts and pulleys.



LXL-1521-HS Gate Operator, 300# pull rating, High Speed, 220V 1PH	114924	\$8,195
LXL-1321-SS Gate Operator, 350# pull rating, Standard Speed, 220V 1PH	114926	\$12,295
LXL-1521-SS Gate Operator, 400# pull rating, Standard Speed, 220V 1PH	114923	\$6,750
LXL-1521-HD, Gate Operator, 600# pull rating, Heavy Duty Unit, 220V1PH	114925	\$7,795
LXLD-1521-SS Gate Operator, 1700# pull rating, Extra Duty, 220V1PH	114927	\$17,750
LXLT-1521-SS Gate Operator, 1700# pull rating, Super Duty, 220V1PH	114928	\$21,495



CR-25 Cable Reinforced Crash Beams

- Crash tested per U.S. Navy and Department of the Army Specifications
- Stopping Power 10,000 lbs. @ 18 mph (4,535.9 kg @ 29 km/hr)
- Electromechanical and manual operation
- Custom gate sizes available
- Long-term durability
- Cost effective solution
- Ease of installation and integration
- Continuous duty operation

CR25 Crash Beam Barriers Gates are engineered and designed to protect at-risk access points and prevent forced vehicle entry or exit for industrial, commercial and institutional facilities requiring medium to high security. Available in manual, hydraulic or electromechanical operating modes, the crash beam barrier gates are ideally suited and for oil refineries, chemical plants, train yards, storage facilities, technical centers, nuclear facilities, embassies, military installations and government agencies.



Basic components of the crash beam barriers include the standard vertical to horizontal arm with an energy absorption cable assembly, hinge post, receiver/latch post, cable-reinforced crash beam and automatic controls. When the crash beam is hit by a vehicle, the aluminum beam gives way to the cable inside, and the impact energy is absorbed as the cable stretches. When the cable is at full tension, the impact energy is then transferred to the foundation through the hinge post and the receiver/latch post of the crash beam.



With a gate arm made of 4" aluminum pipe lined with a 7/8" stainless steel wire rope, these crash barriers have been successfully crash tested for energy absorption capacity per U.S. Navy Specifications and Department of the Army rating level of KN1-LN2. These models are listed by the U.S. Army Corps of Engineers in the document, Protection Against Malevolent Use of Vehicles at Nuclear Power Plants (NUREG/CR-6190 Vol. 2, Rev. 1).

CR25-144W Crash Beam Barrier, 12' Opening, with warning lights	114918	\$32,850
CR25-240W Crash Beam Barrier, 20' Opening, with warning lights	114919	\$32,850
CR25-300W Crash Beam Barrier, 25' Opening, with warning lights	114920	\$32,850
CR25-144M Crash Beam Barrier, 12' Opening, Manual	114921	\$22,995
CR25-300M, Crash Beam Barrier, 25' Opening, Manual	114922	\$22,995



HydraLift™ Vertical Lift Gate Operator

The ultimate in high security and speed. HydraLift™ locks fortress tight without additional hardware. Opens huge gate panels in 8 seconds for quick in and out flows. Hydraulics and electronics contained securely in remote control box and inside posts. Well suited for snowy/icy conditions and sites where additional space for swing or slide gates is unavailable. Low maintenance.



HydraLift™ 10, up to 1000 lbs. & 50' gate,hydraulic driven, 12"/sec.	108738	\$37,527
HydraLift™ 10, UPS backup, up to 1000 lbs. & 50' gate,hydraulic driven, 12"/sec.	108739	\$43,647
HydraLift™ 10F, up to 1000 lbs. & 50' gate,hydraulic driven, 24"/sec.	108740	\$41,427
HydraLift™ 10F, UPS backup, up to 1000 lbs. & 50' gate,hydraulic driven, 24"/sec.	108741	\$47,547
HydraLift™ 20, up to 2000 lbs. & 80' gate,hydraulic driven, 12"/sec.	108742	\$43,995
HydraLift™ 20, UPS backup, up to 2000 lbs. & 80' gate,hydraulic driven, 12"/sec.	108743	\$49,995
HydraLift™ 20F, up to 2000 lbs. & 80' gate,hydraulic driven, 24"/sec.	108744	\$47,995
HydraLift™ 20F, UPS backup, up to 2000 lbs. & 80' gate,hydraulic driven, 24"/sec.	108745	\$53,995



	Standard HydraLift™ 10	Heavy duty HydraLift™ 20	Standard HydraLift™ 10F	Heavy duty HydraLift™ 20F
TAPCO item number	108738 / 108739	108742 / 108743	108740 / 108741	108744 / 108745
Duty cycle	continuous	continuous	continuous	continuous
Horsepower	2 hp	2 hp	5 hp	5 hp
Gate size	50 ft. (15 m) max	80 ft. (24 m) max	50 ft. (15 m) max	80 ft. (24 m) max
Gate weight	1,000 lb. (453 kg)	2,000 lb. (907 kg)	1,000 lb. (453 kg)	2,000 lb. (907 kg)
Rate of travel	1 ft/s (30 cm/s)	1 ft/s (30 cm/s)	2 ft/s (60 cm/s)	2 ft/s (60 cm/s)
1 phase Voltage	208/230 60 Hz 220 50 Hz	208/230 60 Hz 220 50 Hz	230 60 Hz	230 60 Hz
3 phase Voltage	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460/575 60 Hz 220/380 50 Hz	208/230/460 60 Hz 220/380 50 Hz	208/230/460 60 Hz 220/380 50 Hz
UL 325 Listing	Usage Class I, II, III, IV	Usage Class I, II, III, IV	Usage Class III, IV	Usage Class III, IV
Warranty	5 year	5 year	5 year	5 year

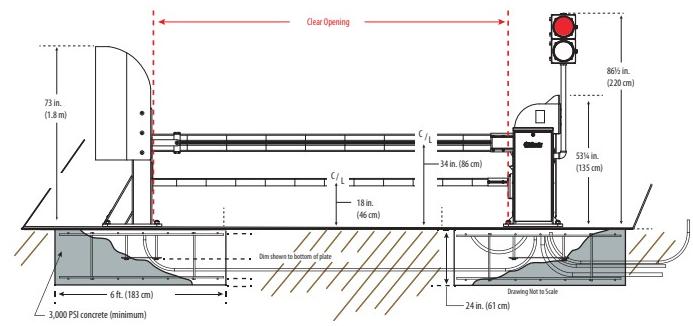
StrongArm M30™ K4 Crash Barrier

- Crash certified ASTM F2656-07 P1 standard, stopping a 15,000 lb. (6.8 metric tons) truck traveling 30 mph (48 km/h) penetrated less than 1 meter.

The StrongArm™ M30 is a high cycle, M30 crash tested, fortified barrier arm. This operator runs with the ultra-reliability of HySecurity's 30 year proven hydraulics, the flexibility, power and reliability of HySecurity's programmable Smart Touch™ Controller and unique functional and safety benefits. Installation is easy and inexpensive with integrated hydraulics and controls and shallow and deep mount options. The StrongArm M30 is available to fit 12 to 24 foot clear openings, is rated to cycle up to 100 times per hour for one vehicle, one cycle applications and runs at 6 to 8 seconds open/close depending on arm length. EFO is 2 seconds faster.

StrongArm™ M30, 12' long arm length	2574-MAH12	\$29,646
StrongArm™ M30 UPS, 12' long arm length, UPS backup*	2574-MAH12UPS	\$36,950
StrongArm™ M30, 16' long arm length	2574-MHA16	\$30,964
StrongArm™ M30 UPS, 16' long arm length, UPS backup*	2574-MAH16UPS	\$37,445
StrongArm™ M30, 20' long arm length	2574-MAH20	\$32,282
StrongArm™ M30 UPS, 20' long arm length, UPS backup*	2574-MAH20UPS	\$38,945
StrongArm™ M30, 24' long arm length	2574-MAH24	\$33,600
StrongArm™ M30 UPS, 24' long arm length, UPS backup*	2574-MAH24UPS	\$39,875

*DC battery backup for full functionality during power loss





StrongArm M50™ K12 Crash Barrier

- Crash certified to ASTM F2656-07 P2 standard, stopping a 15,000 lb. (6.8 metric tons) truck traveling 50 mph (80 km/h). Penetrated less than 1.3 meters.

The StrongArm M50™ is a high cycle, M50-P2 crash tested, fortified barrier arm. This operator runs with the ultra-reliability of HySecurity's 30 year proven hydraulics, the flexibility, power, and reliability of HySecurity's programmable Smart Touch™ Controller, and unique functional and safety benefits. Installation is easy and inexpensive with integrated hydraulics and controls. StrongArm M50™ is available to fit 12 to 24 foot clear openings, is rated to cycle up to 100 times per hour for one vehicle, and runs at 7 to 10 seconds open/close depending on arm length. EFO is 6 to 8 seconds.

Strong Arm M50™, 12' long arm length	113482	\$33,646
Strong Arm M50™ UPS, 12' long arm length, UPS backup*	113483	\$38,646
Strong Arm M50™, 16' long arm length	113484	\$34,595
Strong Arm M50™ UPS, 16' long arm length, UPS backup*	113485	\$39,960
Strong Arm M50™, 20' long arm length	113486	\$36,195
Strong Arm M50™ UPS, 20' long arm length, UPS backup*	113487	\$41,195
Strong Arm M50™, 24' long arm length	113488	\$37,600
Strong Arm M50™ UPS, 24' long arm length, UPS backup*	113489	\$42,600

*(DC battery backup for full functionality during power loss)

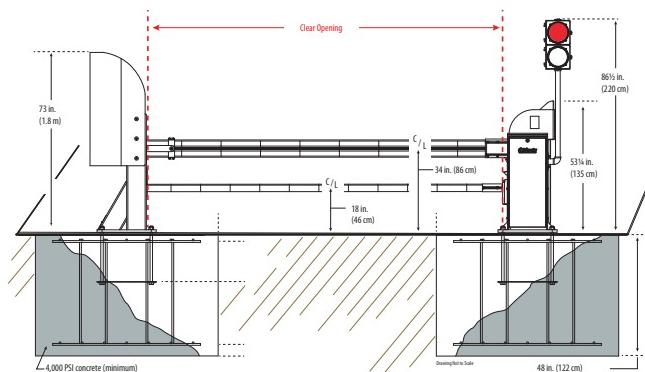
NEW item



	StrongArm M30™ K4 Crash Barrier	StrongArm M50™ K12 Crash Barrier
Crash Certified	M30, P1-ASTM F2656-07	M50, P2-ASTM F2656-07
Shallow Mount	6' x 6' x 2' (1.83 m x 1.83 m x .6 m)	n/a
Deep Mount	4' x 4' x 4' (1.22 m x 1.22 m x 1.22 m)	6' x 6' x 4' (1.83 x 1.83 x 1.22 cm)
Duty Cycle	Continuous Duty*	Continuous Duty*
Horsepower	2 hp	2 hp
Open/Close Time	6 seconds to 8 seconds depending on arm length	7 seconds to 12 seconds depending on arm length
Emergency Fast Close Time (EFO)	5 seconds to 7 seconds depending on arm length	6 seconds to 8 seconds depending on arm length
Clear Opening	12 ft. to 24 ft. in 2 ft. increments (366 cm to 732 cm in 61 cm increments)	12 ft. to 24 ft. in 2 ft. increments (366 cm to 732 cm in 61 cm increments)
Ingress Protection	IP56	IP56
Temperature Rating	-40° F to +158° F (-40° C to +70° C) using Uniflow fluid -20° F to 158° F (-4° C to 70° C) using biodegradable fluid	-40° F to +158° F (-40° C to +70° C) using Uniflow fluid -20° F to 158° F (-4° C to 70° C) using biodegradable fluid
1 Phase Power	208V - 230V, 50/60 Hz 20A	208V - 230V, 50/60 Hz 20A
3 Phase Power	208V - 230V, 50/60 Hz 20A 380V - 480V, 50/60Hz 15A	208V - 230V, 50/60 Hz 20A 380V - 480V, 50/60Hz 15A
Warranty	5 year	5 year
UPS backup Model	StrongArm M30 UPS	StrongArm M50 UPS

*100 cycles per hour

*100 cycles per hour





SwingRiser™ Swing Gate Operators

SwingRiser™ opens gates with an elegant lift and swing movement, raising the gate panel a full 12" during the gate opening cycle. Lifting clears obstacles like snow, rocks, curbs and gradient differences. SwingRiser's optional locking pin secures the gate as it drops into a roadway locking receptacle when the gate gently lowers at the end of its cycle. Pipe and steel, aluminum, chain link, ornamental iron, crash gates, more.

- Hydraulic operator, industrial grade components
- Smart Touch Controller with diagnostics and integrated security reporting
- 14 to 30 second open
- Up to 3,000 lb/gate leaf
- 90 or 100 degree, in or out swing
- All voltages/phases
- 500 cycles per day
- Vandal resistant operator mechanism and remotely located pump and electrical enclosure provide highest security swing gate operator available
- Seamless synchronization with all HySecurity operators for master-slave, sally port or other specialized applications

SwingRiser™ 14 power & post unit 1,000 lb. gate, 14 second open	108726	\$17,120
SwingRiser™ 14 UPS power & post unit 1,000 lb. gate, 14 second open, with UPS backup (DC battery backup for full functionality during power loss)	108727	\$23,240
SwingRiser™ Twin 14 power & post unit 1,000 lb. gate, 14 second open	108728	\$29,995
SwingRiser™ Twin 14 UPS power & post unit 1,000 lb. gate, 14 second open, with UPS backup (DC battery backup for full functionality during power loss)	108729	\$36,300
SwingRiser™ 19 power & post unit 1,600 lb. gate, 19 second open	105982	\$17,490
SwingRiser™ 19 UPS power & post unit 1,600 lb. gate, 19 second open, with UPS backup (DC battery backup for full functionality during power loss)	108730	\$23,610
SwingRiser™ Twin 19 power & post unit 1,600 lb. gate, 19 second open	108731	\$31,250
SwingRiser™ Twin 19 UPS power & post unit 3,000 lb. gate, 19 second open, with UPS backup (DC battery backup for full functionality during power loss)	108732	\$37,370
SwingRiser™ 30 power & post unit 3,000 lb. gate, 30 second open	108733	\$18,240
SwingRiser™ 30 UPS power & post unit 3,000 lb. gate, 30 second open, with UPS backup (DC battery backup for full functionality during power loss)	108734	\$24,360
SwingRiser™ Twin 30 power & post unit 3,000 lb. gate, 30 second open	108735	\$31,995
SwingRiser™ Twin 30 UPS power & post unit 3,000 lb. gate, 30 second open, with UPS backup (DC battery backup for full functionality during power loss)	108736	\$38,120



	1,000 lb. gate, 14 second open		1,600 lb. gate, 19 second open		3,000 lb. gate, 30 second open	
	Single Leaf	Twin	Single Leaf	Twin	Single Leaf	Twin
TAPCO item number	108726 / 108727	108728 / 108729	105982 / 108730	108731 / 108732	108733 / 108734	108735 / 108736
Model	SwingRiser 14	SwingRiser 14-Twin	SwingRiser 19	SwingRiser 19-Twin	SwingRiser 30	SwingRiser 30-Twin
Duty cycle	500 cycles/day					
Horsepower	1 hp	2 hp	1 hp	2 hp	1 hp	2 hp
Drive	Hydraulic cylinder					
Gate size	up to 9 ft. (3 m) wide	up to 9 ft. (3 m) wide each leaf	up to 16 ft. (5 m) wide	up to 16 ft. (5 m) wide each leaf	up to 16 ft. (5 m) wide	up to 16 ft. (5 m) wide each leaf
Gate weight	1,000 lb. (453 kg)	1,000 lb. (453 kg) / leaf	1,600 lb. (726 kg)	1,600 lb. (726 kg) / leaf	3,000 lb. (1,361 kg)	3,000 lb. (1,361 kg) / leaf
Open/close time	14 seconds	14 seconds	19 seconds	19 seconds	30 seconds	30 seconds
1 phase Voltage	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz	115/208/230 60 Hz 110/220 50 Hz	208/230 60 Hz 220 50 Hz
3 phase Voltage	208/230/460/575 60 Hz 220/380 50 Hz					
UL 325 Listing	Usage Class I, II, III, IV					
Warranty	5 year					



9150 Slide Gate Operator

The DKS 9150 model slide gate operator offers convenience, reliability and safe operation in a small, compact design. This operator can be used in residential, commercial or industrial high-use applications. The innovative fail-safe design significantly reduces the chance of injury or entrapment and makes this operator the safest slide gate operator in the market today. Can be configured for front, center or rear drive applications and can be pad or post mounted.

- Automatic magnetic limits
- Built in mechanical and electronic reverse system
- Special anti-tailgating feature
- Partial open feature
- Ports for plug-in open and reverse loop detectors (DKS detectors only)
- Selectable loop function (stop and reverse)
- Built in power and alarm reset switches
- Gate Tracker reporting output
- Convenience outlets
- Available with battery backup



9150 slide gate operator, ½ HP, 115v, convenience open, 800 lb. gate max	108624	\$3,410
9150 slide gate operator, ½ HP, 115v, 1000 lb. gate max	108620	\$2,570
9150 slide gate operator, ½ HP, 208v, convenience open, 800 lb. gate max	108633	\$3,870
9150 slide gate operator, ½ HP, 208v, 1000 lb. gate max	108632	\$3,030
9150 slide gate operator, ½ HP, 230v, convenience open, 800 lb. gate max	108625	\$3,870
9150 slide gate operator, ½ HP, 230v, 1000 lb. gate max	108623	\$3,030
9150 slide gate operator, ½ HP, 460v, convenience open, 800 lb. gate max	108629	\$3,870
9150 slide gate operator, ½ HP, 460v, 1000 lb. gate max	108628	\$3,030
9150 slide gate operator, 1 HP, 115v, convenience open, 1300 lb. gate max	108618	\$3,940
9150 slide gate operator, 1 HP, 115v, 1500 lb. gate max	108616	\$3,100
9150 slide gate operator, 1 HP, 208v, convenience open, 1500 lb. gate max	108631	\$4,400
9150 slide gate operator, 1 HP, 208v, 1500 lb. gate max	108630	\$3,560
9150 slide gate operator, 1 HP, 230v, convenience open, 1300 lb. gate max	108619	\$4,400
9150 slide gate operator, 1 HP, 230v, 1500 lb. gate max	108617	\$3,560
9150 slide gate operator, 1 HP, 460v, convenience open, 1300 lb. gate max	108627	\$4,400
9150 slide gate operator, 1 HP, 460v, 1500 lb. gate max	108626	\$3,560

9100 Slide Gate Operator

The DKS 9100 slide gate operators offer convenience, reliability and safe operation in a small, compact design. These operators are ideally used in residential and commercial applications. The innovative fail-safe design of this operator significantly reduces the chance of injury or entrapment and makes this operator the safest residential slide gate operator in the market today! Can be configured for front, center or rear drive applications and can be pad or post mounted.



- ½ horsepower, 115 Volt for up to 30' gates, weighing up to 1000 lbs.
- Light duty - residential applications
- Automatic magnetic limits
- Built in mechanical and electronic reverse system
- Built in power and alarm reset switches
- Selectable loop function (stop and reverse)
- Fail safe release
- Ports for plug-in open and reverse loop detectors (DKS detectors only)
- Convenience outlets
- 20' of 40# chain included



9100 slide gate operator, ½ HP, 115v, 1000 lb. gate max

1051-00002 **\$2,300**

9410-10 Single Channel and 9409-010 Double Channel DoorKing® Plug-in Loop Detectors



All DoorKing® gate operators are designed with "ports" for DoorKing® plug-in loop detectors. This simplifies installation and wiring. Both single channel and two channel detectors are available. Loops and loop detectors should be used on all gate operator installations to prevent the gate from closing on vehicular traffic.

This self-tuning loop detector is designed to be used with DoorKing® vehicular gate operators ONLY and control two individual loops (including 2 series wired reversing loops configuration). The loop detector plugs into loop detector ports on the gate operator control board. This "self-tuning" detector will constantly monitor the loop's frequency status and self-tune for any minor deviations with the frequencies to keep the loop operating normally and decrease false calls. The detector also employs several automatic and advanced features that will assist technicians in the field with trouble shooting loop problems.

9410-010 single channel plug-in loop detector for DoorKing® gates	1501-00001	\$199
9409-010 double channel plug-in loop detector for DoorKing® gates	1501-00003	\$378



6100 and 6300 Swing Gate Operators

Convenience, reliability and quiet operation in an aesthetically pleasing design. The unique design of these operators allow the gate arm to rotate from underneath the operator allowing the gate arm to attach to the bottom rail of the gate, where it is virtually unseen from outside the gate. This design allows the operator to be fully enclosed and prevents water from contaminating the output shaft, bearings and electronics. Additionally, the frame is built from G90 galvanized steel to prevent rusting. These operators can be installed directly on a concrete pad, or they can be post mounted to meet any installation requirements. Designed with safety in mind, these operators feature an electronic and mechanical inherent reverse system providing you with peace of mind. The automatic electronic limits precisely control the travel of your gate, never need adjustment and will never wear out or break.



- ½ horsepower, 115 Volt for up to 30' gates, (up to 1000 lbs.)
- Quiet operation
- Weather proof design
- Electronic and mechanical inherent reverse design
- Automatic electronic limits (gate travel) never needs adjustment
- Power and alarm reset switches
- 2 piece articulating arm for slow start / stop
- Overlap feature for bi-parting dual gate application
- Gate tracker reporting output
- Magnetic gate lock output
- Tamper protect feature
- Ports for plug-in open and reverse loop detectors (DKS only)
- Keyed release for manual operation
- Clutch can be back-driver for fail safe operation

6100 swing gate operator, ½ HP, 115v, primary, 14' (500 lb. gate max)	108635	\$2,220
6100 swing gate operator, ½ HP, secondary, 14' (500 lb. gate max)	108636	\$1,690
Pad mount, gate arms and hardware for 108635 and/or 108636	108641	\$440
Post mount, gate arms and hardware for 108635 and/or 108636	108642	\$360
6300 swing gate operator, 1 HP, 115v, primary, 22' (800 lb. gate max)	108637	\$2,990
6300 swing gate operator, 1 HP, 230v, primary, 22' (800 lb. gate max)	108639	\$3,420
6300 swing gate operator, 1 HP, 460v, primary, 22' (800 lb. gate max)	108640	\$3,420
6300 swing gate operator, 1 HP, secondary, 22' (800 lb. gate max)	108638	\$2,460
Pad mount, gate arms and hardware for 6300 swing gate operators	108643	\$562
Post mount, gate arms and hardware for 6300 swing gate operators	108644	\$562

3 Button Gate Control Station

Designed to mount into a single-gang electrical box. Unique logic inputs require only 3 wires for connection to a 3 button control station. Controls a single gate only.



- 3 buttons: Open – Close – Stop
- Ideal for exterior application (can be used indoors)
- Operates with DoorKing® gate operators only
- Can be surface or post mounted
- 7.75" H x 5.875" W x 3" D
- Operating Temperature -10°F to 145°F (-23°C to 62°C)

Push button station for DoorKing® gate operators 1501-00002 **\$125**

LMA-1250 Inductive Loop Vehicle Detectors

- Single channel
- Dual programmable relay outputs
- Automatic tuning
- Lightning & surge protection
- Four (4) frequency levels
- Compatible with all radio controls and remote openers
- Sensitivity boost
- Fail safe and fail secure configurations
- Separate color-coded led indicators
- Wide loop inductance range: 20 to 2500 microhenries



395-00011

\$114

LMA-1250-LV operates on 12VDC, 24VDC and 24VAC

LMA-1250-HV operates on 120VAC and 240VAC

395-00010

Paveover Style Preformed Vehicle Detection Loop Flexible Conduit

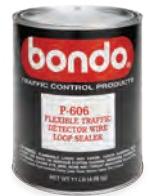


Completely assembled and ready to set in place for paving, concrete pour, gravel roadways or brick pavers. By eliminating saw cutting and costly sealant, installation is cut by hours. The watertight conduit protects the loop turns from being damaged by sharp stones, heaving, chemicals and the elements. The watertight sealed lead-in connection insures a flawless operation. Easily shipped, the design and material allow this loop to be coiled and packed in a small carton.

- **Loop Wire:** 18GA PVC Insulation and Final Jacket Type C
- **Lead-In:** 18GA twisted pair, 19 strand XLP insulated conduit. Flexible non-metallic ½" watertight conduit
- **"T"** Standard schedule 40 ½" PVC type T fitting. Watertight seal. Accepts standard ½" non-metallic conduit for lead-in protection.

Loop, pave over, 2.5' X 6' with 20' lead in	105310	\$125
Loop, pave over 4' x 8' with 75' lead in	106104	\$165
Loop, pave over 6' x 20' with 50' lead in	106837	\$209
Loop, pave over 6' x 30' with 50' lead in	106838	\$299

Bondo® P-606 Flexible Loop Sealant



Highly durable and remains permanently flexible. This loop sealant can withstand the corrosive effect of road salts, automotive fluids, jet fuel, gasoline and extreme weather conditions. It also features rapid chemical curing, which minimizes the length a lane is closed and has extreme adhesion to concrete and asphalt. This loop sealant can also be color tinted.

Bondo P-606 flexible sealant, 1 gallon	016-00002	\$35
Bondo P-606 flexible sealant, 4.5 gallons	016-00008	\$149



On site installation of all TAPCO systems is available in specific areas of the United States. Please call or email info@TAPCONet.com for an installation quote.

Overhead Motion Sensor

Overhead motion sensor for industrial environments utilizing microwave technology.

- Universally compatible with any industrial door
- Ability to disregard pedestrians and only detect large masses
- Can detect traffic moving both towards and away from the door
- Can be mounted up to 23 ft. high
- NEMA 4 rated protection
- Choose the FalconXL for extra low mounting



108888



108889

Overhead motion sensor, 11 1/2"-23' mounting height

108888

\$795

XL overhead motion sensor, 6 1/2"-11 1/2' mounting height

108889

\$795

Overhead Motion and Presence Sensor

Overhead motion and presence sensor for industrial environments. Detects moving and static objects utilizing microwave and infrared detection technology .

- Universally compatible with any industrial door
- Ability to disregard pedestrians and only detect large masses
- Can detect traffic moving both towards and away from the door
- NEMA 4 rated protection
- Choose IS40XL for extra low mounting



108890

Overhead motion & presence sensor, 8'-16' mounting height

108890

\$995

Overhead motion & presence sensor, 6 1/2"-11 1/2' mounting height

108891

\$995



108893



108894

Heavy duty extension bracket, adjustable from 20"-30",

108893

\$160

Universal remote control for 10888, 10889, 10890, 10891

108894

\$40

Infrared Photocell

The IRB-325 photocell is used as an external entrapment protection device type B1 non-contact sensor for use with automatic gate operators. The IRB-325 transmitter and receiver are mounted in line of site at a distance of up to 65 feet. When the infrared beam is broken the IRB-325 produces a detection signal.

- Complies with the UL 325 standard when used with steel hoods
- Powder coated steel hoods help protect from damage
- Range: 6 to 65 feet
- Current Consumption: 12 VDC Standby Detect, 24 V AC/DC Standby Detect
- Power: 12 VDC to 24v AC/DC
- TX: 47 mA
- RX: 33 mA 25 mA, 56 mA 38 mA
- Relay contact rating: 1A @ 30 VDC
- Housing: UL and CSA Type 4, 4X, 3, 3R, 12, 13
- Operating temp: -40°F to +170°F
- Dimensions of Housing: 5.03"H x 3.06"W x 3.02"D
- Dimensions of powder coat steel hood: 6.7"H x 3.3"W x 4.4"D



Infrared photocell IRB325 (transmitter and receiver) for slide and swing gate operators, with steel enclosure hoods

1384-00001

\$995

Reversing Edge Kit for Gates, Doors and Barrier Arms

A complete kit for stopping and reversal of a gate, door or barrier arm upon contact with an obstruction. The Safety Edge Transmitter and 1 Channel Receiver is a must-have for sensing edges. Designed to sense an obstruction at a gate opening, the safety edge transmitter allows for wireless transmission of the safety edge signal instead of having the device hard-wired to the control board. This makes for simple installation of the safety edge on slide gates.



Each kit includes:

- 2 1/2' safety edge and 2 1/2' safety channel (1614-00003)
- (1x) Linear LIN-GRD 1 channel Digital Gate Receiver (375-00001)
- (1x) Linear DTG Safety Edge Transmitter (375-00002)

Reverse edging kit for swing and slide gates

373-66663 **\$399**

TC30 Ultrasonic Vehicle Presence Sensor

NEW item

- True presence detection of single lane / area
- Inexpensive loop detector replacement
- Installs easily above ground
- Adjustable range (up to 22')
- Input to vehicle classifier and controllers
- External adjustment Panel
- External indicator LEDs (eases drive test confirmation)
- Fail-safe mode (recall) in the event of power loss

The TC30 is an ultrasonic sensor designed for detecting vehicle presence. It can also be used with automatic gates, toll booths, for highway traffic management, loading dock monitoring and other parking control applications. The TC30 mounts above ground, requires no pavement cuts and can be installed with minimal or no traffic disruption.

The TC30 is an economical way to detect the continuous presence of an object within its detection pattern, stationary or in motion. The TC30 is ideal for detecting vehicle presence in a right hand turn lane from a horizontal (side-fire) mount or in an individual lane from an overhead mount. It is also used in automatic gates and other parking control applications, as well as in loading dock applications. The TC30 is easily mounted above ground. It requires no pavement cuts and can be installed with minimal or no traffic disruptions. Once installed, adjustments can be made via an external range control and external detection LED.

TC30 Ultrasonic Presence Sensor for Vehicle Control

106824 **\$595**



Photoelectric Sensor

A full-size long-range 10m sensing rectangular photoelectric sensor for door control and material handling. Clean interior with an easy-to-wire terminal strip. **Includes:** photoelectric sensor, mounting brackets, hardware and reflector.

- Plug-in replaceable relay output
- Timer modules available
- Rated IP67, NEMA 4X, 6 for washdown
- Supply voltage: 42 to 240 VAC, 24 to 240 VDC
- Power consumption: 10 VA maximum
- Control output: Heavy duty DPDT relay, 10 A at 240 VAC
- Response time: 30 ms maximum ON / 30 ms maximum OFF
- Dimensions: 186 H x 89 W x 63 D mm



Photoelectric sensor for slide and swing gate operators

375-00003 **\$235**

Armadillo® Radar-Based Traffic Data Collector and Classifier

NEW item

Armadillo® is a fully integrated multi-lane bidirectional traffic data gathering device. Featuring small size, no hassle field setup, non-intrusive sensing technology and long range wireless connectivity. The Armadillo's ability to collect bidirectional data in up to four lanes is unmatched.

- **Sensor:** Low power radar technology results in ultra compact size. The proprietary target tracking algorithm combined with unique 20° x 60° beam angle allows simultaneous tracking of multiple vehicles traveling in adjacent lanes and facilitates accurate counting. Direct speed measurement Doppler technology results in accurate speed readings. The Vehicle Classification System recognizes up to 3 vehicle size classes.
- **Stat Analyzer™:** with its easy-to-use interface, amazing features, and rock-solid stability, Stats Analyzer™ is the foundation of Armadillo®.
- **Storage:** on-board solid state memory helps you record accurately and stores 100,000 individual vehicles in four lane bidirectional traffic and allows data to be downloaded in 2 minutes.
- **Bluetooth:** built-in ultra long range low power allows data retrieval from as far as 1,000 feet (outdoor line of sight) without sacrificing device battery life. A matching class I USB Bluetooth dongle is also provided for your PC. Access the Armadillo from a safe distance away from within your vehicle.
- **Power:** 2+ weeks run time. Ultra low power consumption and Lithium Iron Phosphate rechargeable batteries allow over 2 weeks of run time. **Optional Solar Power:** Maximum Power Point Technology (MPPT) charger extracts the maximum amount of power from included solar panel even in overcast conditions. **Optional GPS With Geo-tagging:** users can move Armadillo® from location to location before downloading all data sets and be confident that every data set will be properly associated with its location.

Includes: Armadillo®, anodized aluminum pole mounting bracket with adjustment plate, USB cable for data download and charging, Class I USB Bluetooth adapter for PC, fast AC charger (US plug), 12VDC car charger, stainless steel quick disconnect mounting straps, security ON/OFF key, Stat Analyzer software, Quickstart guide, weighs 3 lbs. 6.8"H (17 cm), 4.8"W (12 cm), 5.3"D (13 cm).

Armadillo® with Solar Charger and panel includes: 5W solar panel, built in MPPT charger, heavy gauge aluminum pole mounting bracket, stainless steel straps, power cable with weatherproof circular connector. Weighs 12 lbs. total.

Armadillo® with GPS includes: Built-in GPS tags location where data was collected which is then automatically separated during import. Never mix up data from different locations. Weighs 6 lbs. total.

Armadillo® Radar-Based Traffic Data Collector and Classifier	114963	\$2,795
Armadillo® Radar-Based Traffic Data Collector and Classifier with Solar Charger & Panel	114964	\$3,495
Armadillo® Radar-Based Traffic Data Collector and Classifier with GPS	114966	\$3,275

1833 PC Programmable Telephone Entry and Access Control System

Suited for applications that don't require a built-in directory. Resident access control is provided by card readers while visitors are easily identified by voice communication. This

system can expand to control up to 16 entry points and has an elevator control provision. 24/7 online programming giving you the freedom to work when and where you want. From remote bookkeeping and access, to security control on the ground – and everything in between. A turn-key access management solution.

- Full-Duplex communication
- Programmable codes (1-4 digits)
- PC programmable
- Remote Account Manager and Transaction Analysis software included
- 10 and 11 digit dialing capability
- Stores up to 225 area codes
- Live Transactions, live Streaming
- Database import/export capability

- Transaction buffer stores last 8000 events
- Anti-pass back (passive, active and trap)
- Elevator control: 8 elevators 64 floors each (requires Elevator Control Board(s))
- Control up to 16 entry points (requires Tracker Expansion Board(s))



1833 phone entry system, surface mount, stainless steel	108652	\$2,830
1833 phone entry system, surface mount, gold plated faceplate	108653	\$3,480
1833 phone entry system, flush mount, stainless steel	108654	\$2,830
1833 phone entry system, flush mount, gold plated faceplate	108655	\$3,480
Phone Entry System TCP/IP Network Connection	108656	\$180
Phone Entry System Color Camera Kit	108657	\$850

1812 Telephone Intercom System

Communication and access control devices that provide homeowners with two-way voice communication and access control of a door or gate. The 1812 Series is ideal for most single family homes, as well as being able to handle larger homes with more demanding access control requirements.



1812 phone entry system, surface mount, stainless steel, 24v AC	108647	\$1,450
1812 phone entry system, surface mount, gold plated face, 24v AC	108648	\$1,670
1812 phone entry system, flush mount, stainless steel, 24v AC	108649	\$1,640
1812 phone entry system, flush mount, gold plated face, 24v AC	108650	\$1,850
Closed circuit TV camera kit	108651	\$850

1837 PC Programmable Telephone Entry and Access Control System

Simple to use, yet sophisticated enough to provide service for up to 3000 users, control up to 16 entry points and it can store the last 800 events in its history buffer. With expanded optional capabilities, you can even add true anti-pass back and elevator control. From remote bookkeeping and access, to security control on the ground. You even get confirmation to your PC so you always know when your transaction is done.



- Electronic directory
- Full access control capability (cards, anti-pass back, elevator control)
- A, Z and CALL operating buttons
- PC programmable
- Remote Account Manager and Transaction Analysis software included
- Services up to 3000 users and controls up to 16 entry points
- Can store the last 8000 events in the history buffer
- Live Transactions, live streaming
- Anti-pass back configuration: passive, active and trap
- Elevator control: 8 elevators 64 floors each (requires Elevator Control Board(s))
- Control up to 16 entry points (requires Tracker Expansion Board(s))
- Database import/export capability
- LED lighted keypad (exclude flush)
- Stores up to 255 area codes
- Holiday schedule
- Hold open time zones
- Entry code time zones
- Built-in postal lock provision

1837 phone entry system, surface mount, stainless steel, (2) 16v AC	108658	\$5,100
1837 phone entry system, surface mount, gold plated faceplate, (2) 16v AC	108659	\$5,750
1837 phone entry system, flush mount, stainless steel, (2) 16v AC	108660	\$5,100
1837 phone entry system, flush mount, gold plated faceplate, (2) 16v AC	108661	\$5,750
Phone Entry System TCP/IP Network Connection	108656	\$180
Phone Entry System Color Camera Kit	108657	\$850

1802 Telephone Entry System

An ideal telephone entry system that is suited for applications that have limited space and can be used in residential as well as commercial applications, applications that do not require a directory, or in applications where a separate directory exists. Visitors are easily identified by voice communication and can be granted or denied access directly from a touch-tone telephone.



1000 phone number memory	108646
▪ Full-Duplex Communication	
▪ Programmable directory codes (1-4 digits)	
▪ 10 and 11 digit dialing capability	
▪ Two special inputs can be programmed for relay activation or dial-out	
▪ Built-in clock provides automatic relay activation	
▪ Time zone restrictions on selected entry codes	
▪ 2 relays for door/gate control	
▪ Single-line programming display uses supertwist	
▪ LCD with 5/16" characters	
▪ Built-in postal lock provision	
1802 phone entry system, surface mount, stainless steel, 16v AC	108645
1802 phone entry system, flush mount, stainless steel, 16v AC	108646



DKS 1500 Stand Alone Access Control Keypads

Access control for virtually any application where stand-alone digital code entry is desired. These vandal resistant keypads use stainless steel faceplates, galvanized steel sub-plates and are housed in a rugged steel cabinet. Standard style units can be surface or post mounted and flush mount units are designed to be recessed into a wall or column.

1503 non-lighted access control keypad

- Output: Form C dry contact relay, 30 V 1 amp maximum
- Capacity: Two 4-digit momentary codes, two 5-digit momentary codes, two 4-digit hold open codes
- Mounting: Surface
- Dimensions: 4 1/2" W x 5 3/8" H x 5 1/4" D
- Electrical requirements: 12 to 24 volt AC or DC power
- Operating Temp: -10°F to 115°F (-23°C to 46°C)



Keypad, digital,two code memory, non-lighted model 1503

1501-00004

\$366

1506 Lighted Access Control Keypad

- Output: Two form C dry contact relays, 30 V 1 amp maximum
- Capacity: 10, 50, 100, 250, 500, or 1000 4-digit codes. Six 5-digit codes
- Mounting: Surface / post mount, flush mount
- Advanced Features: Time zone inputs, slave keypad capability
- Dimensions: 7 1/8" W x 8 3/8" H x 4" D
- Electrical Requirements: 16 volt AC. Power transformer included
- Operating Temp: -10°F to 115°F (-23°C to 46°C)



Keypad, digital, programmable, 100 memory 1506-083

1501-00005

\$712

Pad-mount Pedestal Stands

A well made pedestal is the foundation of every security and access control system and these automatic gate pedestals are designed to stand as an additional barrier to improve the overall security of a home or business. In addition to keeping unwanted entry at bay, these automatic gate pedestals provide a strong mounting solution for keypads, card readers, intercoms, security cameras and other security and access control entry devices for gates and accompanying gate openers, leaving your location protected at all times.

- 42" pedestals are most common for pedestrian, car and Pad Mount handicap (ADA) compliant specifications
- 48" pedestals are for specifications requiring just a little more height than average
- 58" pedestals are made for SUV's
- 64" pedestals are made for small trucks
- 72" pedestals are made for semi trucks, buses, etc



108752

108748

1520 Stand Alone Proximity Reader

The model 1520 proximity card reader/access controller provides users with a single door stand-alone access control system in a small compact package. The 1520 offers outstanding control features typically not found in a stand-alone system and is easy to program with the built-in programming keypad. The 1520 is offered in two different packages: a complete stand-alone system with a built in proximity card reader and as single door access controller that allows users to connect their own 26-bit weigand device.

- Single door / gate controller
- Stores up to 1000 device codes
- Transaction buffer stores up to 3,656 events
- Built-in keypad for easy programming
- RS 232 port for connections to a serial printer
- Transactions can be printed in real time mode or stored and printed at a later time
- Steel enclosure can be used for both indoor and outdoor applications
- Four time zones for controlling access, four hold-open time zones
- Post mount housings provide illumination for easy night time operation



1520 stand alone proximity card reader, memory sold separately

105702

\$655

500 code proximity card memory for 1520 Model reader

105703

\$140

1000 code proximity card memory for 1520 Model reader

105704

\$270

42" pad mount pedestal stand, yellow, steel, 18 lbs.	105684
42" pad mount pedestal stand, white, steel, 18 lbs.	106647
42" pad mount pedestal stand, black, steel, 18 lbs.	108746
42" pad mount pedestal stand, stainless steel, 18 lbs..	108747
42" pad mount pedestal stand, aluminum,18 lbs.	108748
42" dual mount side-by-side pad mount pedestal stand, black, 31 lbs.	108749
48" pad mount pedestal stand, black steel, 25 lbs.	108750
58" pad mount single height single post pedestal stand, black steel, 39 lbs.	108751
58" pad mount dual height single post pedestal stand, black steel, 40 lbs.	108752
64" pad mount single height single post pedestal stand, black steel, 39 lbs.	108754
64" pad mount dual height single post pedestal stand, black steel, 40 lbs.	108755
72" pad mount single height single post pedestal stand, black steel, 39 lbs.	108756
72" pad mount dual height single post pedestal stand, black steel, 41 lbs.	108757

Valet Podium

All 3 valet podiums are made from formed galvanized steel (18 gauge body and 9 gauge base) and have an anti-scratch semi gloss black powder coated finish.

The cam and digital lock valet podiums have 4" heavy-duty casters. The elite valet podium has 3" heavy-duty casters and a brushed stainless steel counter-top.

- Lockable cash drawer with tip/ticket slots
- Umbrella holder & small shelf
- Integrated handles for easy mobility
- Integrated key holder panels
- No assembly required

Cam Lock Valet Podium, 18"D x 16"W x 41"H, 100 hook key panel	113573	\$595
Digital Lock Valet Podium, 18"D x 16"W x 41"H, 100 hook key panel	113574	\$685
Paddle Handle Lock Elite Valet Podium, 20"D x 29"W x 47"H, 150 hook key panel, 2 way locking system	113577	\$795

Key Box

All key boxes are made from formed 18 gauge galvanized steel and have an anti-scratch semi gloss black powder coated finish. The portable cam lock key box includes a handle on top for easy mobility.

- Includes key holder panels
- No assembly required

113594



Stationary Cam Lock Key Box, 5"D x 16.25"W x 29.5"H, 50 hook key panel	113594	\$199
Portable Cam Lock Key Box, 5"D x 16.25"W x 29.5"H, 50 hook key panel	113596	\$215
Stationary Digital Lock Key Box, 5"D x 16.25"W x 29.5"H, 50 hook key panel	113595	\$245
Stationary Paddle Handle Lock Elite Key Box, 5"D x 16.25"W x 29.5"H, 50 hook key panel	113592	\$215
Stationary Elite Key Box, 5"D x 29"W x 29.5"H, 100 hook key panel	113593	\$350

Gratuity Box

Gratuity box is made from formed 18 gauge galvanized steel with a matte black powder coated finish. Includes a lockable door and 2 drop slots.

- Dimensions: 4"D x 8"W x 10"H
- 4 pre-drilled holes for wall installation

Gratuity Box	113597	\$50
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NEW item



Valet Podium with LED Lighting

All 3 valet podiums are made from formed galvanized steel (18 gauge body and 9 gauge base) and have an anti-scratch semi gloss black powder coated finish. Integrated with outdoor white LED light strip with a black anodized aluminum frame with a 12v 18 ah sealed acid rechargeable battery.

The cam and digital lock valet podiums with LED lights have 4" heavy-duty casters. The elite valet podium with LED lights has 3" heavy-duty casters and a brushed stainless steel counter-top.

- Lockable cash drawer with tip/ticket slots
- Umbrella holder & small shelf
- No assembly required

NEW item



12V power supply with on & off switch



Integrated handle for easy mobility



Integrated key holder panels



Cam Lock Valet Podium w/ LED Light, 18"D x 16"W x 41"H, 100 hook key panel	113579	\$895
Digital Lock Valet Podium w/ LED Light, 18"D x 16"W x 41"H, 100 hook key panel	113580	\$985
Paddle Handle Elite Valet Podium w LED light, 20"D x 29"W x 47"H, 150 hook key panel, 2 way locking system	113578	\$1,275



Kangaroo Key Holder

Our uniquely designed pocket is revolutionizing the valet parking industry! Simply place the key in our pocket along with the ticket stub and hang on your key holder panel. Clean, efficient and easy to use.

Key Holder, quantity 12 per order	113570	\$12.95
Key Holder, quantity 250 per order	113572	\$159.95



Umbrella

- 6 rib aluminum frame
- Dimensions: 6' Diameter x 87" Tall
- Valet Umbrellas include waterproof cover



113581

Red Umbrella	113590	\$79
Black Umbrella	113591	\$79
Red Valet Umbrella w/ black "VALET" text	113582	\$89
Black Valet Umbrella w/ white "VALET" text	113581	\$89



2012 DESIGN
AWARD WINNER!



Pro Microdrive Parking Gate

- 1.3 seconds open/close speed
- Multiple speeds for both opening and closing
- Solar/battery option
- MGC Pro controller
- Programmable I/O
- Full expansion module capabilities (i.e. TCP/IP, Bluetooth, Serial, etc)



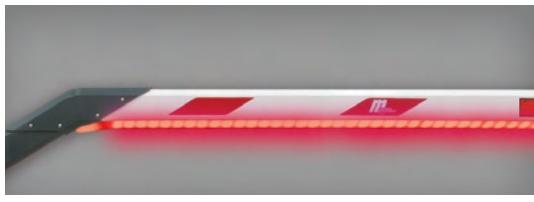
10' Pro Microdrive parking gate, 110 watt, orange housing	109055	\$3,630
12' Pro Microdrive parking gate, 110 watt, orange housing	109056	\$3,640
15' Pro Microdrive parking gate, 4 second open/close, 110 watt, orange housing, requires 994-00003 and 994-00001 sold below	109048	\$3,965
20' Pro Microdrive parking gate, 4 second open/close, 110 watt, orange housing, requires 994-00003 and 994-00001 sold below	109049	\$4,015
Pendulum support (required for all arms exceeding 14' in length)	994-00001	\$210
Pendulum support hardware kit	994-00003	\$79
Vehicle detection tube channel upgrade (for Microdrive gate arms only)	109052	\$310
Led gate arm upgrade, provides ambient light for any Magnetic gate arm	109051	\$895

Microdrive LED Illuminated Gate Arm

LEDs catch the attention of drivers. The Microdrive Illuminated gate arm has two strips of LEDs running the length of the gate (red and green LEDs). The LEDs signal gate status while in use:

- Steady red when gate arm is in "down" position
- Flashing red while gate arm is in motion
- Steady green when gate arm is in "up" position

Includes: Gate arm, red and green LED strips, supply unit, control unit and mounting plate (assembly included).



10' Microdrive LED illuminated Parking Gate Arm	109051	\$895
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Microdrive Parking Gate

- 1.8 seconds open/close speed
- Multiple speed options for closing
- MGC controller

- Fixed I/O
- Limited expansion modules (dual channel detector and radio)

10' Microdrive parking gate, 110 watt, orange housing	109053	\$3,485
12' Microdrive parking gate, 110 watt, orange housing	109054	\$3,495
15' Microdrive parking gate, 4 second open/close, 110 watt, orange housing, requires 994-00003 and 994-0001 sold below	109047	\$3,810
20' Microdrive parking gate, 4 second open/close, 110 watt, orange housing, requires 994-00003 and 994-0001 sold below	109050	\$3,860
Pendulum support (required for all arms exceeding 14' in length)	994-00001	\$210
Pendulum support hardware kit (bracket to attach pendulum support to arm)	994-00003	\$79
Vehicle detection tube channel upgrade (for Microdrive gate arms only)	109052	\$310
Led gate arm upgrade, provides ambient light for any Magnetic gate arm	109051	\$895

Sol-Gate® Solar LED Warning Gate Arm Lights

Applicable for all types of gate arms and barriers. Sol-Gate® lights angle mount to top and front of gate arm with screws (included). Beginning at dusk, two red LED's automatically begin flashing in each Sol-Gate® when gate arm is in down (horizontal) position. LED's do not flash when gate is up and flashing stops at dawn. Two Sol-Gate® units in each box (4 LED's total).



- Powered by (2) NiMH 1.2v AAA rechargeable batteries
- 200 hours of flashing when fully charged
- Polycarbonate housing
- 16.2 ounces
- 15"W x 3 1/4"H x 2 1/4)L

Sol-Gate® Solar LED Warning Lights, right angle model, (2) each	110275	\$95
Sol-Gate® Solar LED Warning Lights, round gate arm model, (2) each	110277	\$95
Solar LED Warning Lights, flat mount model, (2) each	110278	\$95



StrongArm™ Gate Operator

This powerful hydraulic barrier arm out-lifts and outlasts its competition. StrongArm™ meets the demanding reliability requirements of corporate, industrial and governmental users and the very long arm needs of specialty applications like airport runways and multiple traffic lanes. Gentle soft-start and soft-stop extend operator life by preventing mechanical wear and tear.

StrongArm gate operator, 14' aluminum arm, .75 HP , 2 second open	110267	\$7,495
StrongArm gate operator, 14' aluminum arm, w/UPS Backup, .75 HP, 2 second open	110268	\$12,995
StrongArm gate operator, 20' aluminum arm, .75 HP, 3 second open	110269	\$8,495
StrongArm gate operator, 20' aluminum arm, w/UPS Backup, .75 HP, 3 second open	110270	\$13,995
StrongArm gate operator, 28' aluminum arm, .75 HP, 5 second open	110271	\$10,750
StrongArm gate operator, 28' aluminum arm, w/UPS Backup, .75 HP, 5 second open	110272	\$15,995
StrongArm gate operator, 36' aluminum arm, .75 HP, 8 second open	110273	\$14,650
StrongArm gate operator, 36' aluminum arm, w/UPS Backup, .75 HP, 8 second open	110274	\$19,995

Self-adhesive Reflective Decals for Digns and Gate Arms

These reflective decals reinforce gate arm visibility and safety and may reduce your liability. The permanent self-adhesive vinyl material is easy to apply. Other messages and designs are available; let TAPCO create a custom decal with the specific wording to suit your needs.



9" x 12" 373-05104 **\$6.45**



G-90 Parking Gate Operator

The G-90 CD Series barrier gate provides microcomputer intelligence, multiple programming options and on-board controls for total lane management. The G-90 CD Series continues the tradition of high quality barriers that you depend on from Federal APD. The gate is extremely durable in the harshest environments. Its heavy-gauge aluminum cabinet is armored with a weather-resistant finish to keep your installation looking clean and new for years of rust-free service.

- Advanced Omega LCD Controller with visual display
- Power Supply Board provides multiple input/output terminals
- Total lane management
- Two built-in vehicle detectors
- Sensitive Reversing Logic
- Built-in diagnostics
- Event history report
- 7 day memory and data storage
- Cabinet constructed of heavy-gauge aluminum, finished in a weather resistant powder coat
- Built-in thermal overload switch protection
- Electrical Input: 115VAC, 15A standard
- Back-out timer
- All reducers and motors mounted on a single ¼" (6.25 mm) uni-bracket weldment for maximum strength in high load applications
- Gasketed door has flush-mounted, T-handle lock
- 1/3 HP, heavy duty, high output torque, 115VAC, single phase, instant-reversing motor
- Cams allow adjustment of gate arm travel, no mechanical stops or braking devices required
- 15" W x 40" H x 15" D (381 mm W x 1016 mm H x 381 mm D), flange arm height of 35½" (902 mm)

G-90 Parking Barrier Gate, yellow, gate arm not included	032-00013	\$3,879
G-90 Parking Barrier Gate, white, gate arm not included	032-00013W	



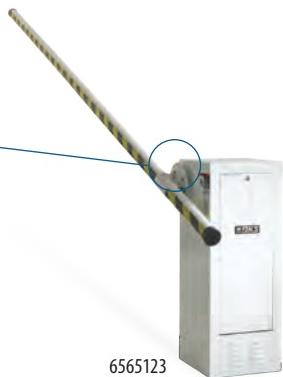
18" x 12" 373-00385 **\$10.75**



8½" x 8½" 373-04061 **\$8.35**



Aluminum arm and
aluminum hardware kit 6565129



1601 Parking Gate Operator

The 1601 operator is designed for single lane (14 ft. max) vehicular traffic control in high traffic commercial and industrial applications. The 1601 operator is designed so that it can be mounted on either the left or right hand side of the roadway.



Advanced features

- Magnetic limit control
- Ports for plug-in loop detectors
- Automatic sequencing inputs for use with slide and swing gate operators
- Up input memory buffer
- Down memory option
- Multiple up commands
- Two convenience outlets
- 360° gear box rotation
- Gate tracker reporting output
- Programming switches
- Left or right hand mount

Specifications

- ½ HP continuous-duty motor
- 40:1 gear-box running in a continuous oil bath
- 1½ seconds open time
- Dimensions (operator only): 15 ¼"W x 39 ½"H x 14 ¾"D
- Class II, III and IV applications
- Compliant with UL 325 and 991. ETL Listed. To be compliant with UL 325 and industry safety guidelines, additional secondary entrapment prevention devices may need to be installed with this gate operator.

1601 parking barrier gate, ½ HP, 115 V	6565123	\$2,755
14 ft. wooden arm for 1601 parking barrier gate, (requires 6565125)	6565124	\$155
Wood arm hardware kit, necessary to mount wooden arm (6565124) to 1601	6565125	\$115
12 ft. plastic arm for 1601 parking barrier gate, (requires 6565127)	6565126	\$90
Plastic arm hardware kit, necessary to mount wooden arm (6565126) to 1601	6565127	\$115
14 ft. aluminum arm for 1601 parking barrier gate, (requires 6565129)	6565128	\$211
Aluminum arm hardware kit, necessary to mount wooden arm (6565128)	6565129	\$145

Virtually Unbreakable Gate Arm

Replacing broken wood and aluminum gate arms can result in lost revenue, especially in single lanes where closure is not an option. TAPCO's gate arm addresses the problem at the source with our unbreakable gate arm. The arm features a single-piece "T" cross-section design with reinforcing support ribs incorporated along each edge, which provide warning decal protection and structural rigidity. It is constructed of a durable, UV resistant, continuous glass fiber and resin reinforced, thermosetting composite material which is resistant to impact, ozone and hydrocarbons. Operating temperature range of -40°F to +140°F.

Try doing this with a wood or aluminum gate arm!

**TAPCO
EXCLUSIVE**

Shown here on Federal APD gate operator (sold separately)



Cross section shows three support ribs

- Fits Federal APD, Amano, DoorKing® gate operators, call for other models

373-00208

Gate arm, 10' white, fiber/resin composite, warning sign decal	223-00040	\$42.50
20" x 3 ½" gate arm warning sign decal	373-00208	\$5.65

Manually Operated Rising Barrier

Developed for use in locations that require barriers up to 18 feet in length but do not have any provisions for electrical supply. The MG19 utilizes cast iron counterweights to balance the gate to the point where it can be easily opened with one hand. Locking rings may be fitted with pad or combination locks to secure the arm in either the raised or closed position.

- Net weight of 19' arm barrier is 321 lb.
- Vertical posts made of tubular steel with bracket for mounting
- Barrier arm made of round tubular aluminum
- White arm with red reflecting stripes on both sides
- Pivot assembly made of flat steel profiles, mounted on steel rotating shaft with arm fixing brackets
- Sliding cast iron counterweights for adjustable arm balancing
- Padlock fixing points for locking arm in closed or open position
- Tip support for arm length of 5.01 m (16 Feet)



19' arm manually operated rising barrier	108519	\$2,135
10' arm manually operated rising barrier	108522	\$1,950

Freeway Lane Closure Gate with Flashing Red LEDs

A manually operated safety gate with a standard vertical to horizontal arm. Typically used as a manually operated road closure gate for emergency road closure, during "white-out" conditions or similar situations where hazardous driving conditions exist or thoroughfares require entrance restriction.

GATE / STAND ASSEMBLY: Consists of the gate pivot, the pivot sleeve and arm guides. Fabricated from ASTM-A36 steel channel, angle and flat bar and hot dipped galvanized after fabrication per ASTM-A123. The entire assembly is corrosion resistant.

- Gate pivot rotates 90° and is padlockable in the vertical position
- Pivot sleeve includes a mounting pad to allow the worm gear winch to be attached for handcrank operation

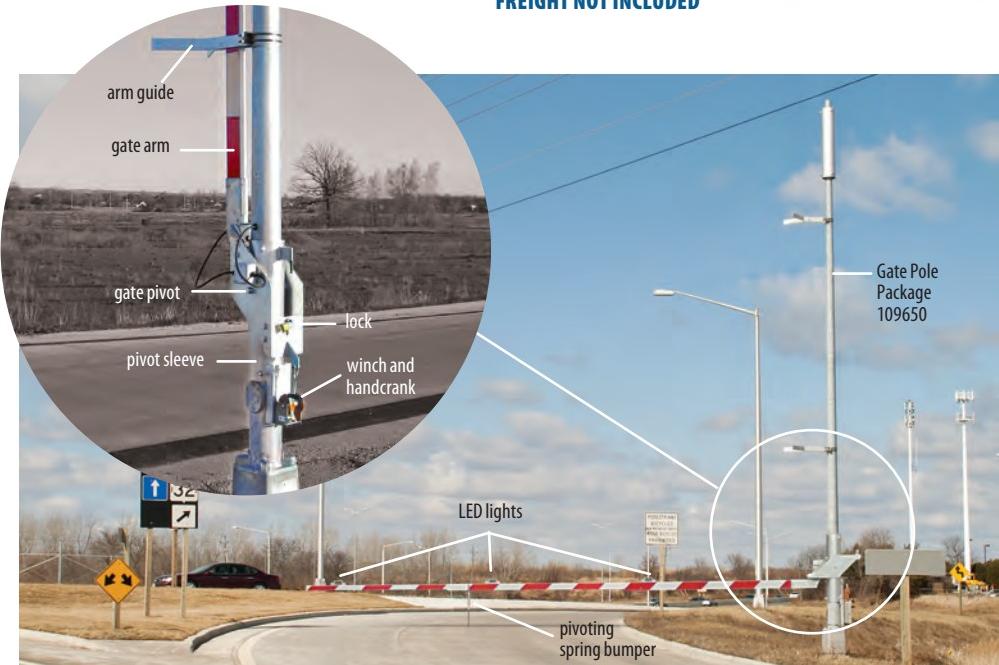


Freeway lane closure gate with red LEDs

24 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC24	\$8,495*
26 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC26	\$8,550*
28 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC28	\$8,625*
30 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC30	\$8,825*
32 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC32	\$8,950*
37 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC37	\$9,095*
40 ft. gate arm with (3) red LED lights, gate/stand assembly and AC flasher power control box (3504-00009)	3504AC40	\$9,250*
Gate Pole Package (necessary for mounting gate and gate assembly)	109650	\$1,895

* Does not include Gate Pole Package (109650), necessary for gate installation

FREIGHT NOT INCLUDED



GATE ARM: Aluminum/Fiberglass combination fabricated from special high strength rectangular fiberglass and 6061-T6 or 6063-T5 aluminum tubing available in 24', 26', 28', 30', 32', 37' and 40' length.

- Both sides alternating red and white type high intensity grade reflective sheeting
- 3 red 12v flashing LED lights
- Pivoting spring bumper

FLASHER POWER CONTROL BOX:

GATE POLE PACKAGE: (109650) 30' galvanized steel, 8" OD bottom tapering to 3 7/8"OD at top, 17" transformer base with 10-12" bolt circle, (4) 1" x 4" connecting bolts and (4) 1" x 42" J-bolts

SOLAR POLE PACKAGE: (109651) 15' schedule 80 aluminum 4 1/2" OD pole, pedestal base, (4) 1" x 42" J-bolts



Freeway lane closure gate with red LEDs

24 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP24	\$9,950*†
26 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP26	\$10,025*†
28 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP28	\$10,100*†
30 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP30	\$10,175*†
32 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP32	\$10,250*†
37 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP37	\$10,365*†
40 ft. gate arm with (3) red LED lights, gate/stand assembly and Solar flasher power control box (3504-00018) and solar panel	3504SP40	\$10,475*†
Gate Pole Package (necessary for mounting gate and gate assembly)	109650	\$1,895
Solar Pole Package	109651	\$695

* Does not include Gate Pole Package (109650), necessary for gate installation

† Does not include Solar Pole Package (109651), necessary for mounting solar panel and control box

Replacement 24 ft. gate arm with 3 red 12v flashing LED lights	3504-00024	\$2,450
Replacement 26 ft. gate arm with 3 red 12v flashing LED lights	3504-00026	\$2,495
Replacement 28 ft. gate arm with 3 red 12v flashing LED lights	3504-00028	\$2,550
Replacement 30 ft. gate arm with 3 red 12v flashing LED lights	3504-00030	\$2,595
Replacement 32 ft. gate arm with 3 red 12v flashing LED lights	3504-00032	\$2,625
Replacement 37 ft. gate arm with 3 red 12v flashing LED lights	3504-00037	\$2,725
Replacement 40 ft. gate arm with 3 red 12v flashing LED lights	3504-00040	\$2,850
Replacement AC Flasher power control box	3504-00009	\$995
Replacement Solar Flasher power control box	3504-00018	\$850
Replacement Gate arm light kit (3 red 12v flashing LED lights)	107875	\$995



Wireless Carpark Cloud-Based Parking Management System

Wireless Carpark is a "cloud-based" hosted solution with no server on site, allowing the system to be used at multiple sites. The Wireless Carpark platform offers users a secure and reliable system with guaranteed up time.

114623



114618



- Provide revenue control with ticket issuance
- Accept cash, real-time credit card and barcode passes/permits
- Implement systems with little or no infrastructure needed
- License to the device, not location
- Increase ingress speed
- Operate in off-line mode to accept cash and validate passes
- Generate advanced real time reporting
- Refund cash and credit card transactions
- Handle both gated and un-gated locations
- Develop system integrations and customized options
- Reschedule passes to an alternate date and/or location as needed
- Quickly add additional lanes
- Handle multiple events and rates simultaneously
- Extend exceptional service and support
- Offer multiple payment and financing options
- Support different languages and currencies

SOFTWARE

Designed for speed and usability, Wireless Carpark takes a minimalist approach to the user interface. By keeping it simple there is less training for staff, faster vehicle processing and fewer headaches for users and managers alike. Utilizing progressive technology as the foundation of our application, Wireless Carpark is written in .NET and utilizes SQL Server 2008, SQL Compact and Windows Mobile on the handheld devices, Intermec Printing Language and Crystal Reporting.

Navigating through the handheld application is simple and intuitive for users. Cash transactions are handled in only 2 seconds, credit card payments are processed in less than 3 seconds with a swipe of the patron's card, and acceptance of passes or permits occurs instantly with the scan of a barcode. On the backend of the system, configuring the program is straightforward. Programming events, devices, locations, rates, season passes, user security and pulling reports is easily accomplished. Users with the appropriate credentials simply access www.wirelesscarpark.com and logon to the corporate account using their email address and password. From there, users can implement any programming updates, additions and changes or pull real-time reports on any of their associated locations.

HARDWARE

The Wireless Carpark handheld system offers a mobile solution that allows attendants to move around freely and issue tickets on demand. Wireless Carpark's handheld system runs on a selection of sophisticated Intermec or Motorola wireless handhelds and utilizes Intermec mobile printers to issue vehicle tickets and receipts on demand. Handhelds are equipped with barcode scanners to accept season passes, permits



or reservations. Mag Stripe Readers are optional for sites wishing to accept credit card payment to limit cash transactions. The handheld system options run over your choice of a standard wireless connection or a cellular network. In some instances a combination of both may be desirable depending on the needs and objectives of the site(s). Wireless Carpark is standardized on devices that are equipped with a wireless antenna and/or a cellular card.

REVENUE

Convenient reporting grants managers the power to retrieve real-time reports from any internet connection simply by signing into the system with their credentials. Pull revenue, capacity, permit redemption reports, historical information and much more. Managers finally have the critical information they need, in a timely fashion, to make proactive decisions that can immediately have a positive impact. For example, a manager may see that one location is extremely busy while another nearby location is slow or already full. In response, the manager can easily re-allocate resources to meet the current demand.

INVESTMENT BENEFITS

The Wireless Carpark system translates into increased profits and a timely return on investment (ROI) by providing a dependable, cost effective automated solution that is easily implemented with little or no infrastructure requirements. Wireless Carpark's cost effective system immediately begins enhancing your operations efficiency; increasing management control, providing accurate data and decreasing shrinkage. As a "cloud-based" application, costly server hardware, licensing and maintenance are eliminated. Software licensing to individual devices provides the freedom to utilize the system at multiple locations; with no additional costs. If your operation chooses to only accept cash, off-line mode provides the auditing capabilities you need while eliminating the monthly expense of cellular accounts.

CN50 Handheld Data Terminal, 3G Wi-fi Bluetooth, 3½" color screen	114618	\$2,295
PB21 Handheld Transaction Receipt Printer with Bluetooth, for use with CN50 Data Collection Terminal (114618)	114623	\$1,250
Monthly Subscription to Mobile-Based Parking Revenue Service, Cellular and/or Wi-Fi Based	114619	\$100/mo
Lithium Ion Battery for Intermec CN50 Data Collection Terminal	114620	\$99
Battery Charger for CN50 (114618), Desktop Power/Comm Adapter, USB	114621	\$99
8' Power Cable for CN50 (114618) or PB21 Printer (114623)	114622	\$20
Battery Charger for PB21 (114623), Universal Power Supply, Adapter	114624	\$195
3 Year Warranty Upgrade for CN50 Data Collection Terminal (114618)	114625	\$500
3 Year Warranty Upgrade for PB21 Transaction Receipt Printer (114623)	114626	\$250

Two-Piece Clearance Tube With Graphics Kit

Maintenance free overhead clearance protection. Reduce expensive property damage by alerting drivers to low-hanging structures. Each tube is capped on both ends and includes a graphics kit with the word "CLEARANCE", inch and foot marks and two sets of numbers.



Clearance 7' 3"

- Install using your own hardware
- Custom graphics available
- Designed for all weather conditions
- 80" length x 5 1/4" OD x 1/8" wall

80" yellow clearance tube with graphics kit

3335-00028

\$99.95

- Fade resistant, UV stable for five years
- Easy installation
- Strong and impact resistant

78" yellow clearance tube

2553-00010

2553-00012

2553-00010R

\$114.50

2553-00010W

\$129.95

- Simple installation with attached eye hooks (supply your own hanging hardware)
- 78" x 1/4" wall x 5 1/4" OD and 110" x 1/4" wall x 7 1/4" OD
- Designed for all weather

78" yellow clearance tube

2553-00010

78" red clearance tube

2553-00010R

\$114.50

78" white clearance tube

2553-00010W

\$129.95

110" yellow clearance tube

2553-00012

\$134.95

110" yellow clearance tube with custom lettering

2553-00011

\$134.95

110" yellow clearance tube with "LOW CLEARANCE" message

2553-00013

\$149.95

110" yellow clearance tube with "LOW CLEARANCE" message

2553-00014

110" yellow clearance tube with "LOW CLEARANCE" message

\$149.95



3335-00044
(with optional graphic)

Gate Arm Guard

A cushioned sleeve that helps protect vehicles and pedestrians from contact with a moving gate arm. Durable nylon inner and outer shell with a dense cell foam interior. The 10 oz. ripstop nylon fabric is waterproof, fade resistant and mold/mildew proof. The foam core is made from 1/2" thick loose cell foam. Reflective stripes are white 3M™ brand 2" wide OSHA-approved reflective tape.

Gate arm guard, yellow, 1" x 4" x 50" with white reflective tape	3335-00041	\$139.95
Gate arm guard, black, 1" x 4" x 50" with white reflective tape	3335-00042	
Gate arm guard, yellow, 1" x 4" x 72" with white reflective tape	3335-00043	\$149.95
Gate arm guard, black, 1" x 4" x 72" with white reflective tape	3335-00044	
Gate arm guard, yellow, 1" x 4" x 108" with white reflective tape	3335-00045	\$199.95
Gate arm guard, black, 1" x 4" x 108" with white reflective tape	3335-00046	

One-Piece Clearance Tube

One-piece design available in two sizes. Low density thermoplastic polyethylene with UV and anti-static additives.



- 78" x 1/4" wall x 5 1/4" OD and 110" x 1/4" wall x 7 1/4" OD
- Designed for all weather

- Simple installation with attached eye hooks (supply your own hanging hardware)

78" yellow clearance tube

2553-00010

2553-00012

2553-00010R

\$114.50

2553-00010W

\$129.95

110" yellow clearance tube

2553-00012

\$134.95

110" yellow clearance tube with custom lettering

2553-00011

\$134.95

110" yellow clearance tube with "LOW CLEARANCE" message

2553-00013

\$149.95

110" yellow clearance tube with "LOW CLEARANCE" message

2553-00014

\$149.95

Custom logos and messages

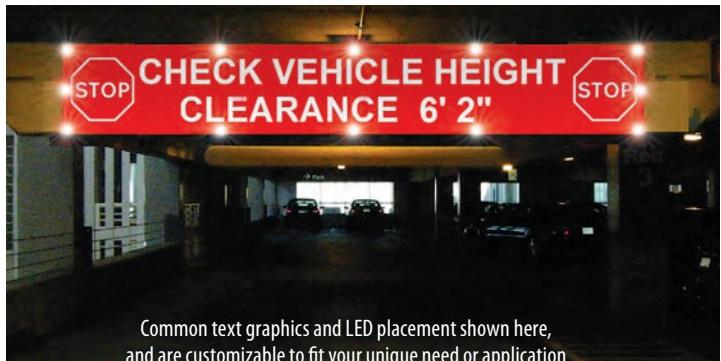
We can provide pre-spaced message graphics in many type styles with application tape for easy application.

TAPCO

We can also add your graphic or logo

WATCH FOR CROSS TRAFFIC

THANK YOU!



Common text graphics and LED placement shown here,
and are customizable to fit your unique need or application

BlinkerSign® Flashing LED Clearance Warning Sign

Sometimes referred to as a "bang bar", the addition of flashing LED lights gets the attention of drivers, alerting them to proper clearance heights. The included control box allows for dynamic LED output and control. For more clearance bars, see page 71.

- 120" L x 21" H (other sizes available)
- LEDs flash 24 / 7
- Aluminum all-weather construction
- 110v systems draw very little current, saving on electricity

BlinkerSign® flashing LED low clearance warning sign

2180-RHBB1

\$2,895

PATENTS #6,943,698 AND #6,693,556 (OTHER PATENTS PENDING)

Enforcer Motorized Traffic Spike System

Motorized traffic spike systems provide reliable access traffic control by electromechanically moving the teeth up to an active or secured position and then down to allow unrestricted passage to authorized vehicles. The self-contained modular system allows design flexibility and easy installation in manned or unmanned sites. Enforcer can be installed in new or existing facilities and easily integrated with multiple access control options. Ideal for parking lots, airports, car dealerships, rental agencies, government installations, schools and secured sites.

- Fully integrated system
- Add up to three 3 foot extensions
- Excellent access control

Surface mount system includes: Barrier gate operator (will accept up to a 14' arm), 4' (1219 mm) tunnel, 6' (1829 mm) teeth, 7" (178 mm) end bevel

In-ground system includes: Barrier gate operator (will accept up to a 14' arm), 4'(1219 mm) tunnel, 9'(1829 mm) teeth

Enforcer motorized surface mount traffic spike system, 1/2 HP 115 VAC accepts a 12'-14' arm	5874576	\$9,999
Enforcer motorized surface mount traffic spike system, 1/2 HP 460 VAC accepts a 12'-14' arm	5874577	\$12,450
Enforcer motorized in-ground traffic spike system, 9' of teeth	5874578	\$8,995



Cobra™ Traffic Spike System

Designed and engineered to allow traffic to proceed freely in one direction only.

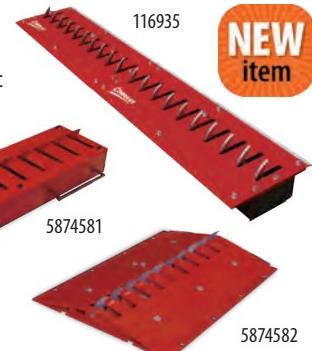
Prevents vehicles from proceeding through controlled entry locations by puncturing tires while allowing unrestricted passage

for vehicles traveling in the allowable direction.

Effective and economical one-way directional unmanned traffic control.

Mechanically activate and engineered with spring-loaded teeth along with a counter-balanced backup system that provides low maintenance operation.

- Unrestricted traffic in free direction
- In-ground mounts flush to road
- Discourages wrong way traffic
- Surface-mount also acts as a speed bump



NEW item

Cobra™ In-ground traffic spike section, 3', red, galvanized teeth	5874581	\$862
Cobra™ Surface-mount traffic spike section, 3', red, galvanized teeth	5874582	\$759
Cobra™ Heavy duty in-ground traffic spike section, 3', red, galvanized teeth	5874581-HD-R	\$1260
Cobra™ Heavy duty in-ground traffic spike section, 3', yellow, galvanized	5874581-HD-Y	\$1260
Cobra™ 12' manual aluminum gate arm with base	5874583	\$1,495
Cobra™ 16' manual aluminum gate arm with base	5874584	\$1,795
Cobra™ 20' manual aluminum gate arm with base	5874585	\$2,095
Cobra EZ™ Install in-ground traffic spike section, 3', galvanized finish, galvanized teeth	116932	\$935
Cobra EZ™ Install in-ground traffic spike section, 3', red, galvanized teeth	116933	\$935
Cobra EZ™ Install in-ground traffic spike section, 6', galvanized finish, galvanized teeth	116934	\$1,595
Cobra EZ™ Install in-ground traffic spike section, 6', red, galvanized teeth	116935	\$1,595

Enforcer Aluminum Gate Arms and Stop-Go Signal and Post

12' aluminum Enforcer gate arm, 8 lbs.	5874579	\$265
14' aluminum Enforcer gate arm, 10 lbs.	5874580	\$289
115 VAC Enforcer Stop-Go signal, post and mounting bracket	5874586	\$1,545
220 VAC Enforcer Stop-Go signal, post and mounting bracket	5874587	\$1,695



MagnumSpike!™ Tire Deflation System

The MagnumSpike!™ can be deployed by one person, in seconds, under any weather conditions regardless of road surface. The patented pin-shear design tire spike creates a smooth, friction-free release of tire spikes offering predictable, safe, high-speed stops.

- All systems can stop all vehicles, 100% of the time—from small sub compacts to semis
- The only tire spike available on the market to consistently stop vehicles equipped with self-sealing and run-flat tires
- Included with every MagnumSpike!™ system: (1) winding reel with 45 ft. of 150 lb. test nylon cord, (50) extra spikes with safety caps/collars, (1) Kevlar glove for replacing spikes and a video

10' deployed MagnumSpike!™, hard case (19" x 14")	52544444	\$405.50
12' deployed MagnumSpike!™ wrap and roll style, nylon case (19" x 8")	3461-00001	\$445.50
16' deployed MagnumSpike!™ wrap and roll style, nylon case (20" x 8")	52544446	\$529.95
25' deployed MagnumSpike!™, hard case (31" x 20")	52544447	\$715.95



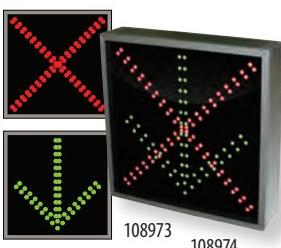
TCL Direct-view LED Sign Series

Put twice the information in half the space with overlaid messages. Super-bright LEDs for wide angle viewing rated for 100,000 hours. Messages readable in direct sunlight and disappear completely when off.

- Designed for outdoor use
- Optional flashing
- 2½" deep, extruded aluminum cabinet, Duranodic Bronze finish
- 120VAC shown; 9-36v, 240VAC optional
- 5 year warranty
- UL/cUL



108962



108973 108974



108982

108983



108967



108972

All signs and mounting are in-stock and ready for immediate shipping



108964



108978

108976

108977

108979

TCL Direct-view LED Series					
Message	Cabinet Size	LED Color	Letter Height	Part No.	Price
Caution Vehicle Exiting	14" x 18"	Amber	2.875"	108962	\$950
Credit Card Only	7" x 42"	Amber	3.25"	108964	\$1,075
Enter Exit (Double Stroke)	10" x 26"	Green Red	6.0"	108965	\$1,250
Exit	7" x 18"	Red	3.5"	108966	\$535
Full (Double Stroke)	7" x 18"	Red	4.0"	108967	\$520
Open Closed	7" x 18"	Green Red	3.5"	108968	\$598
Open Full	7" x 18"	Green Red	3.5"	108972	\$598
Open Closed	10" x 26"	Green Red	6.0"	108971	\$795
X Arrow (Double Stroke)	12" x 12"	Red Green	9.0"	108973	\$499
X Arrow (Triple Stroke)	18" x 18"	Red Green	14.0"	108974	\$875

Custom messages, sizes and cabinet colors available, please call for more pricing options and lead time

Phēnix LED Backlit Outdoor Blank-out Sign Series

Traditional block letter messages are readable in direct sunlight and disappear completely when off. High-intensity, LED reflected, backlit illumination rated for 100,000 hours.

- Designed for outdoor use
- 2½" deep, extruded aluminum cabinet with Duranodic Bronze finish
- Universal input 100-240VAC
- 5 year warranty



108978

Phēnix LED Backlit Outdoor Blank-out Series					
Message	Cabinet Size	LED Color	Letter Height	Part No.	Price
Full	7" x 18"	Red	3.75"	108976	\$489
Exit	7" x 18"	Red	3.75"	108977	\$489
Lot Full	14" x 18"	Red	3.75"	108978	\$870
Open Closed	7" x 34"	Green Red	3.75"	108979	\$750

Traffic Controller Signals

Two piece injection molded, impact resistant Lexan resin housing with 3" hoods. Perfect for post or wall mounting. Ships with integral wall mount and Red | Green LED light engines.

- 120VAC Shown, 12-24v, 240VAC optional
- Flashing option available
- UL/cUL



108984



Mounting

All signs ship with our standard Lift'N Shift wall mounting back. Ceiling and post mounts feature aluminum construction with a Duranodic Bronze finish. Posts can be used in single and double post mount applications. Fasteners not included.



Ceiling Mount

Post Mount w/
Base Plate

(Also available
without the
Base Plate for
Direct Burial)

Traffic Controller Signals				
Description	Cabinet Size	LED Color	Part No.	Price
LED Traffic Controller (Horizontal)	7"H x 14"W x 9"D	Red Green	108982	\$445
LED Traffic Controller (Vertical)	14"H x 7"W x 9"D	Red Green	108983	\$445
Replacement Light Engine Set	n/a	Red Green	108984	\$165

Description	Use with Signs	Dimensions	Part No.	Price
40"H Post w/ 6" Sq. Base Plate	All	40"H x 6"W x 6"D	108986	\$199
60"H Post for Direct Burial	All	60"H x 3"W x 2.25"D	108987	\$185
60"H Post w/ 6" Sq. Base Plate	All	60"H x 6"W x 6"D	108988	\$250
90"H Post for Direct Burial	All	90"H x 3"W x 2.25"D	108989	\$265
90"H Post w/ 6" Sq. Base Plate	All	90"H x 6"W x 6"D	108990	\$315
120"H Post for Direct Burial	All	120"H x 3"W x 2.25"D	108991	\$330
120"H Post w/ 8" Sq. Base Plate	All	120"H x 8"W x 8"D	108992	\$380
Ceiling Mount	7" Wide Signs	4"H x 7"W x 2"D	108993	\$47
Ceiling Mount	12" Wide Signs	4"H x 12"W x 2"D	108994	\$58
Ceiling Mount	14" Wide Signs	4"H x 14"W x 2"D	108995	\$62
Ceiling Mount	18" Wide Signs	4"H x 18"W x 2"D	108996	\$66
Ceiling Mount	26" Wide Signs	4"H x 26"W x 2"D	108997	\$78
Ceiling Mount	34" Wide Signs	4"H x 34"W x 2"D	108998	\$97
Ceiling Mount	Use w/ 108982 & 108983	4"H x 7"W x 2"D	108999	\$47

I-Bar Overhead Clearance Bar

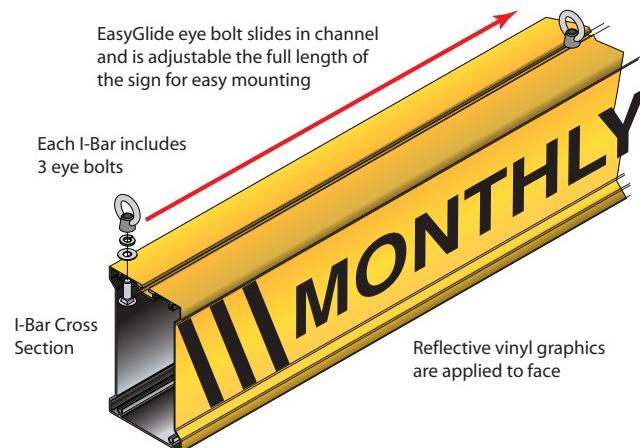
Prevent damage to your structure with an extruded aluminum clearance bar: I-Bar Series low height clearance bars are available in lengths from 2 to 16 feet. Includes your own custom, factory-applied, reflective black vinyl warning message. Free-hang with EasyGlide adjustable eye bolts for simple and flexible installation (chain not included). Standard finish is Traffic Yellow (custom colors available). For flashing LED Clearance Bar, see page 68.

- Custom messages, colors and lengths available, call for pricing

I-Bar Overhead Clearance Bar			
Description	Size	Part No.	Price
8' Clearance I-Bar with custom message	7"H x 96"W x 4"D	108980	\$480
10' Clearance I-Bar with custom message	7"H x 120"W x 4"D	108981	\$625

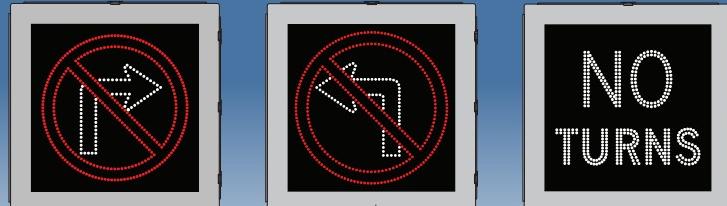


All signs and mounting are in-stock and ready for immediate shipping.





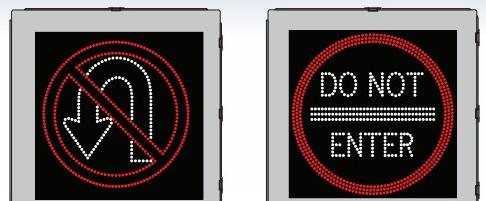
109144 shown with optional visor



R3-1
24" x 24" | 30" x 30" | 36" x 36"

R3-2
24" x 24" | 30" x 30" | 36" x 36"

R3-3
24" x 24" | 30" x 30" | 36" x 36"



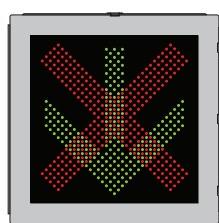
R3-4
24" x 24" | 30" x 30" | 36" x 36"

R5-1
24" x 24" | 30" x 30" | 36" x 36"

All signs illustrated at 30" x 30"

Highway Toll Plaza Signs

Clearly define open toll lanes from a distance. Five-stroke super-bright LEDs make messages readable in direct sunlight.



X | Down Arrow
24" x 24" | 30" x 30" | 36" x 36"



FHWA MUTCD Compliant Regulatory Signs

LED blank-out road signs are designed to alert motorists to changing traffic patterns. Signs are designed with narrow-angle, high performance LEDs for superior readability. Automatic photo-dimming adjusts LED brightness to ambient lighting conditions. Message disappears when off.

Message	Cabinet Size	LED Color	Part No.	Price
R3-1 No Right Turn	24" x 24"	Red White	109141*	\$2,995
R3-1 No Right Turn	30" x 30"	Red White	109142	\$3,495
R3-1 No Right Turn	36" x 36"	Red White	109143	\$4,475
R3-2 No Left Turn	24" x 24"	Red White	109144*	\$2,995
R3-2 No Left Turn	30" x 30"	Red White	109145	\$3,495
R3-2 No Left Turn	36" x 36"	Red White	109146	\$4,475
R3-3 No Turns	24" x 24"	White	109147*	\$2,995
R3-3 No Turns	30" x 30"	White	109148	\$3,495
R3-3 No Turns	36" x 36"	White	109149	\$4,475
R3-4 No U Turn	24" x 24"	Red White	109150*	\$2,995
R3-4 No U Turn	30" x 30"	Red White	109151	\$3,495
R3-4 No U Turn	36" x 36"	Red White	109152	\$4,475
R5-1 Do Not Enter	24" x 24"	Red White	109153*	\$2,995
R5-1 Do Not Enter	30" x 30"	Red White	109154	\$3,495
R5-1 Do Not Enter	36" x 36"	Red White	109155	\$4,475

* Stock signs are ready for immediate shipping.

Optional visors available for
24" x 24", 30" x 30",
36" x 36" and 17" x 65"
blank-out signs.
Call for more information.



R5-1 Do Not Enter 36" x 36" 109155 shown with optional visor

Message	Cabinet Size	LED Color	Part No.	Price
X Down Arrow	24" x 24"	Red Green	109158*	\$2,850
X Down Arrow	30" x 30"	Red Green	109159	\$3,395
X Down Arrow	36" x 36"	Red Green	109160	\$4,250

FHWA MUTCD Compliant Warning Signs

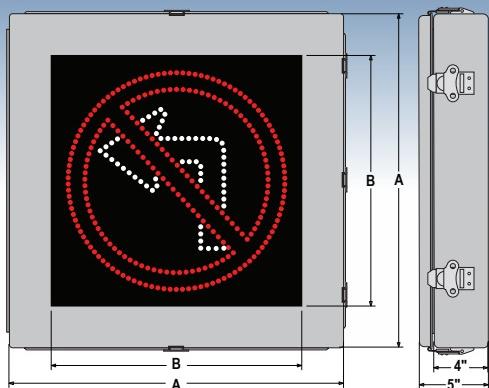
Use LED blank-out warning signs to call attention to temporary or seasonal warning conditions **only when they exist.** Sign message disappears when off, eliminating the need to cover or remove sign when condition does not exist.



W11-3
24" x 24" | 30" x 30"

Message	Cabinet Size	LED Color	Part No.	Price
W11-3 Deer Crossing	24" x 24"	Amber	109156	\$2,995
W11-3 Deer Crossing	30" x 30"	Amber	109157	\$3,495

Other MUTCD compliant symbol signs available



Cabinet Size	A	B
24" x 24"	24"	18"
30" x 30"	30"	24"
36" x 36"	36"	30"

Optional visors available for
24" x 24", 30" x 30",
36" x 36" and 17" x 65"
blank-out signs.
Call for more information.

Specifications

Illumination

- Super-bright LEDs, viewing angle application dependent
- Redundant photocells for automatic dimming

Electronics

- Engineered for use at high temperature to extend component life
- Solid state circuit board, high powered MOSFETs to control output
- 120VAC redundant power supplies

Cabinet Construction

- NEMA 4X rated
- Corrosion resistant, 1/8" aluminum, continuous welded construction
- Closed cell, silicone foam door gasket
- Continuous piano hinged door
- Door stop - insulated, braided steel cable
- Tool-less, stainless steel rotary draw latches for easy front access
- Face material - high impact polycarbonate
- Finish - powder coated matte black



Highway Weigh Station Signs

Engineered to withstand rugged roadside conditions, these signs are designed with super-bright, narrow angled LEDs for long distance viewing in all lighting conditions.



8610 shown with optional visor

Message	Cabinet Size	LED Color	Part No.	Price
Open Closed	17" x 65"	White White	109161	
Open Closed	17" x 65"	Amber Amber	109162	\$4,595
Open Closed	17" x 65"	Red Green	109163	
Open Closed	17" x 65"	Green Red	109164	
Optional visor			109171	\$495

FHWA MUTCD Compliant At-Grade Rail Signs

LED blank-out train warning signs promote pedestrian and motorist safety at highway-rail grade crossings. At-grade pedestrian crossings have also been shown to have improved safety when activated LED message signs alert of approaching trains or a second train coming. Designed with super bright LEDs for superior visibility day and night.



109167 shown with optional visor

	NO RIGHT TURN ON TRACKS	R3-1a 36" x 36"	W10-7 24" x 24" 30" x 30"	No Left Turn Train 30" x 24" 30" x 24"
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Message	Cabinet Size	LED Color	Part No.	Price
R3-1a No Right Turn On Tracks	36" x 36"	White	109165	\$4,450
R3-2a No Left Turn On Tracks	36" x 36"	White	109166	
W10-7 Light Rail Transit Vehicle Approaching	24" x 24"	Amber White	109167	\$3,295
W10-7 Light Rail Transit Vehicle Approaching	30" x 30"	Amber White	109168	\$3,675
No Left Turn Train	30" x 24"	Red White	109169	
No Right Turn Train	30" x 24"	Red White	109170	\$3,795

Space Available Tower Signs

Take the guesswork out of finding a parking space. Attractive, rugged construction and engineered for easy installation. Entrance level Space Available Signs show motorists where the open spaces are even before they enter your garage. Display level counts, OPEN or FULL and eliminate the time and gas spent searching for an open space to park.



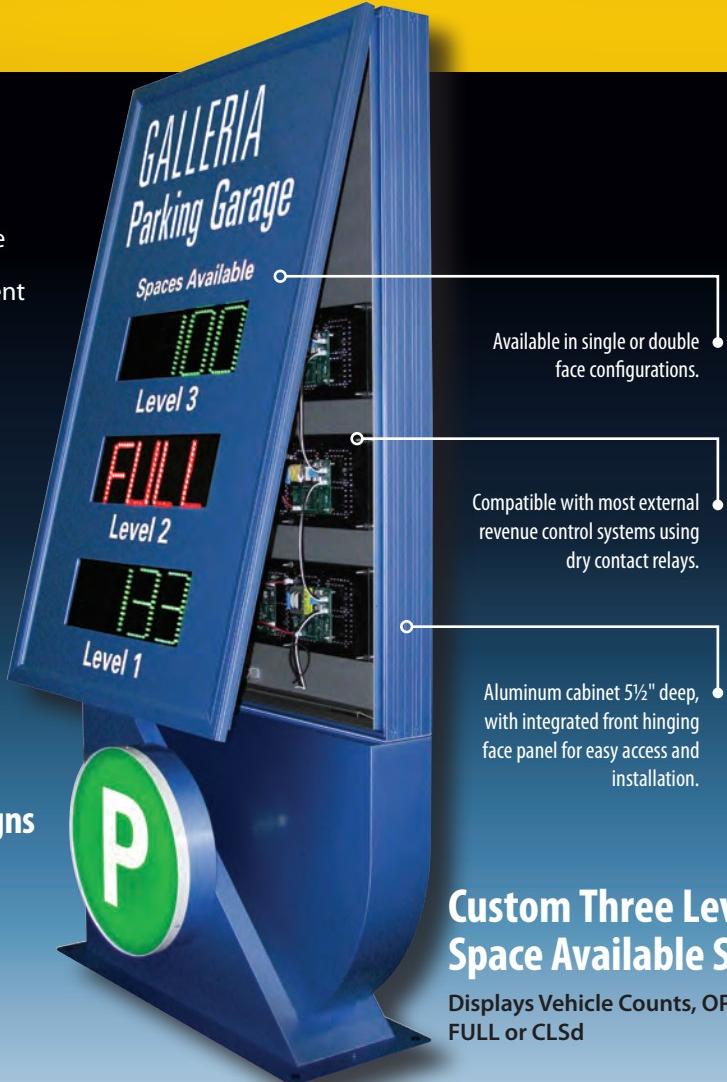
A Space Available Tower Sign

At the parking entrance gives motorists an at-a-glance look at where the open spaces are even before entering the parking facility.



Level Status & End of Aisle Signs

Inside the garage continue to inform drivers of parking availability; keeping the traffic moving and the parking garage full.



Custom Three Level Space Available Sign

Displays Vehicle Counts, OPEN, FULL or CLSd

Custom messages, sizes and cabinet colors available, please call for more pricing options and lead time.



Specifications

Illumination

- Red / Green super-bright LED 4-digit count boards
- Photocells for automatic dimming

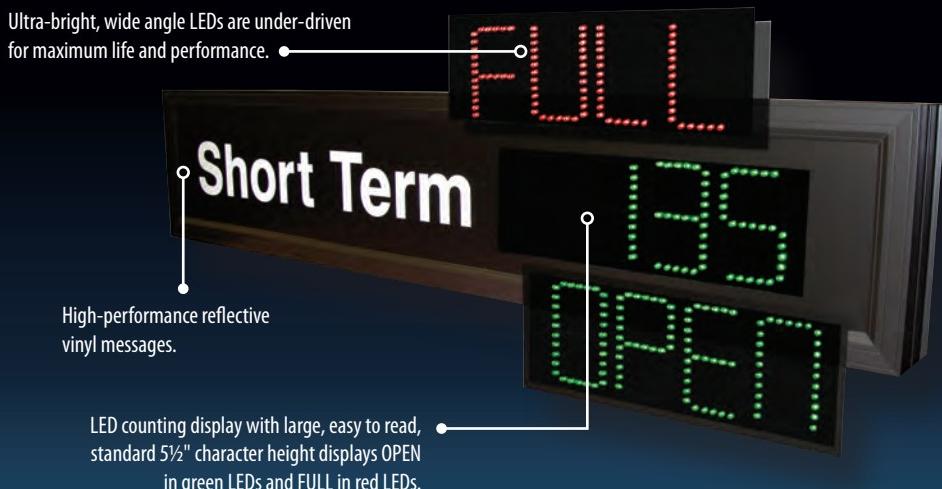
Electronics

- Engineered for use at high temperature to extend component life
- Standard voltage 120VAC; Optional 9-36V, 240VAC or 277VAC
- 120VAC redundant power supplies

Cabinet Construction

- 5 1/2" Deep extruded aluminum construction
- Weather and corrosion resistant
- Routed aluminum face panel with high impact, polycarbonate windows
- Hinged face panel
- Finish - Duranodic Bronze; Acrylic polyurethane enamel paint; Custom finishes available

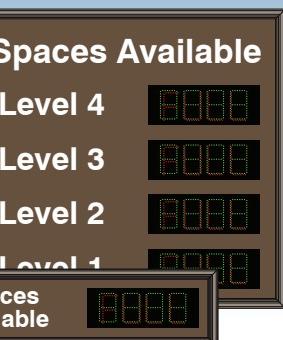
- Strong 5½" deep extruded aluminum cabinet
- Moisture absorbing internal coating
- Sign within a sign construction
- Easy to access hinged front panel
- Hassle-free and easy to install



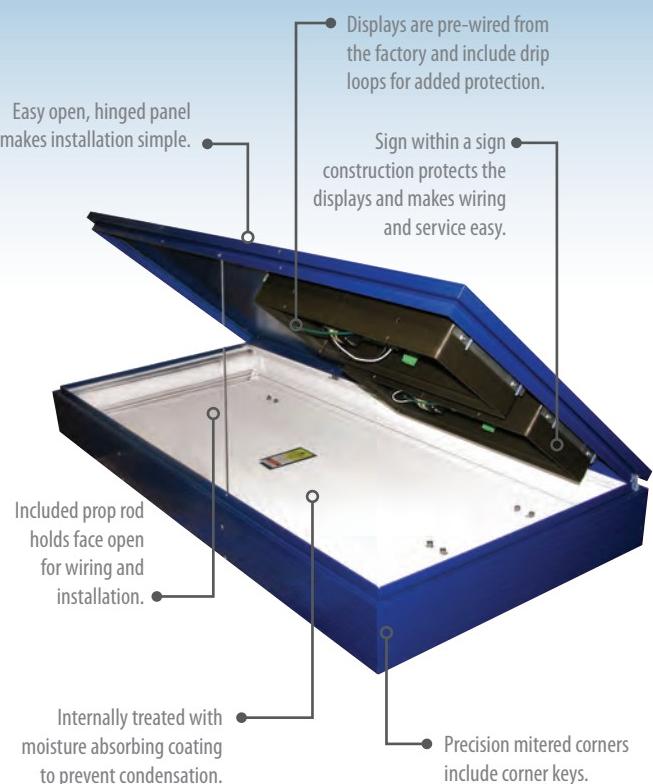
Construction

Tower signs are engineered to withstand the elements. The cabinet consists of an extruded aluminum frame and an aluminum panel with routed windows. Tower signs have a hinged front or back panel that allows the sign to be conveniently opened with no disassembly

required to access the pre-wired signs inside. The interior of the main cabinet is also treated with a moisture absorbing coating to ensure a long life. To further protect the seven segment displays, they are internally housed within their own cabinets creating a sign within a sign.

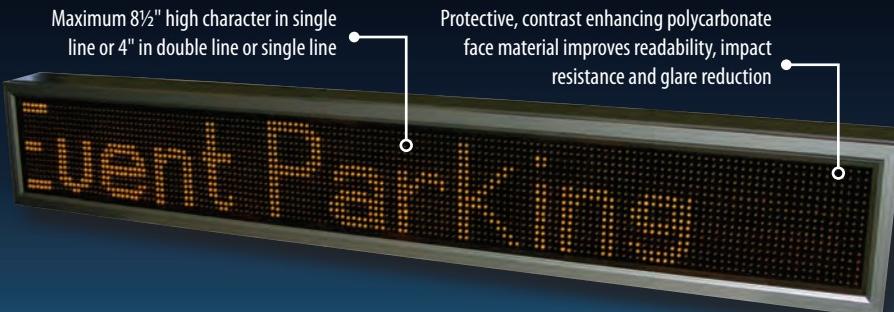


Number of Levels	Cabinet Size	LED Color	Part No.	Price
One Level Space Available	12" x 49"	Red Green	114025	\$2,995
Two Level Space Available	29" x 49"	Red Green	114026	\$5,195
Three Level Space Available	38" x 49"	Red Green	114027	\$7,595
Four Level Space Available	46" x 49"	Red Green	114028	\$9,135
Five Level Space Available	54" x 49"	Red Green	114029	\$10,995
Six Level Space Available	62" x 49"	Red Green	114030	\$12,995
Seven Level Space Available	70" x 49"	Red Green	114031	\$14,750
LED Display Counter Inserts	Cabinet Size	Character Height	Part No.	Price
LED Counter Single Stroke	7" x 18"	4"	114032	\$1,275
LED Counter Double Stroke	10" x 26"	6"	114033	\$1,450



Rebel™ Message Display with control software

Easy to setup and simple to operate, this outdoor, programmable message sign is ideal for communicating with pedestrians as well as traffic moving at slow to moderate speeds.



Three module Amber shown 108763



Scrolling two module Red shown 108760



Two Module (shown in Red)
108760



One Module
(shown in Amber)
108759



Three Module (shown in Amber)
108763

Visibility

- Guaranteed readability in direct sunlight
- Wide-angle LEDs ensures off-center viewing
- 4" H and 8 1/2" H characters viewable from 200' and 400', respectively
- Contrast enhancing polycarbonate face reduces glare and enhances message readability

Protection and Maintenance

- Durable weather and corrosion-resistant aluminum cabinet
- Conformal coating protects electronic components from outside elements including dust
- Hinged cabinet face supports easy installation and maintenance
- UL/cUL Listed for wet locations
- Mounting (sold separately call for quote)

Control Software

- Compatible with Windows XP, Vista and 7®
- RS485 2-wire communications
- Features preloaded characters in 4" and 8 1/2" and a library of symbols and arrows
- Supports message scrolling, paging and blinking transitions
- Easy message play list set up; advanced 24 hour scheduling in 15 minute increments
- Built-in auto-save feature protects your schedules and messages
- Software updates available online

Product	1 Module Message Display Sign	2 Module Message Display Sign	3 Module Message Display Sign
Cabinet Size (HxWxD)	13" x 31" x 5.5"	13" x 58" x 5.5"	13" x 85" x 5.5"
Display Size (HxL)	10" x 28" 16 x 48 Pixels	10" x 55" 16 x 96 Pixels	10" x 82" 16 x 144 Pixels
Amps @ 120VAC	0.4A	0.6A	0.8A
Character Height	4" 4" 8.5"	4" 4" 8.5"	4" 4" 8.5"
# of Lines	One Two One	One Two One	One Two One
Characters Per Line	8 8 4	16 16 8	24 24 12
Item Number	Red LED: 108758 Amber LED: 108759	Red LED: 108760 Amber LED: 108761	Red LED: 108762 Amber LED: 108763
Price	\$2,495	\$4,790	\$6,885



1 module Amber 108762



EzView 20mm Red/Amber LED Displays

Whether you're upgrading from an older unit or are completely new to digital EMCs, Adaptive's EzView monochrome line is the perfect opportunity to purchase the latest in digital connectivity and reliability at an amazingly low price.

- Made in the USA: Fast order-to-delivery time!
- Standard Five Year Peace-of-Mind Warranty
- Case Configuration: Sealed Case / Aluminum
- Pixel Configuration: 1 Red or 1 Amber
- Optimal Viewing Angle: 120° Horizontal / 40° vertical
- Grayscale: 4,096 shades
- Frame Rate: 15fps up to 30fps
- Operating Temp: -30 to 122 F / -40 to 50 C
- Brightness: 5,000 nits
- Software: Ooh!Media
- Agency Approvals: ETL, C-ETL-US



32x112 Red (110160R)



16x96 Amber (110156A)



64x96 RGB (110149)

Tips for choosing LED displays

- 1" of character height = 40-50 ft. of visibility (a read distance of 300 ft. would require 6" characters, 400 ft. = 8" characters, etc.).
- Typically, it takes 6 seconds for someone to read a message, understand it, and make a decision. Take this into account when figuring out how far away you need your audience to see your message and react appropriately.
- Speed limit will play a big factor in how much information you can display and reach your audience. Slower speeds will allow more time for your target audience to see your intended messages, so they can have more information and detail. Roads with faster traffic will require abbreviated messages that get the point across quickly and are viewable from a longer distance to allow the customer to read and respond in time.



64x144 RGB (110152)

Sign specifications	size	weight	color item #	color price	red item #	amber item #	price
16 x 80 20mm Outdoor LED Display, 2 lines of 4" characters/16 characters per line	5' 3" L x 9.7" W x 1' 1" H	65 lb.	110137	\$3,275	110155R	110155A	\$2,365
16 x 96 20mm Outdoor LED Display, 2 lines of 4" characters/19 characters per line	6' 4" L x 9.7" W x 1' 1" H	78 lb.	110138	\$3,950	110156R	110156A	\$2,775
16 x 112 20mm Outdoor LED Display, 2 lines of 4" characters/22 characters per line	7' 5" L x 9.7" W x 1' 1" H	92 lb.	110139	\$4,575	110157R	110157A	\$3,230
32 x 80 20mm Outdoor LED Display, 5 lines of 4" characters/16 characters per line	5' 3" L x 9.7" W x 2' 2" H	115 lb.	110140	\$6,385	110158R	110158A	\$4,560
32 x 96 20mm Outdoor LED Display, 5 lines of 4" characters/19 characters per line	6' 4" L x 9.7" W x 2' 2" H	138 lb.	110141	\$7,845	110159R	110159A	\$5,540
32 x 112 20mm Outdoor LED Display, 5 lines of 4" characters/22 characters per line	7' 5" L x 9.7" W x 2' 2" H	161 lb.	110142	\$9,150	110160R	110160A	\$6,460
48 x 80 20mm Outdoor LED Display, 8 lines of 4" characters/16 characters per line	5' 3" L x 9.7" W x 3' 2" H	157 lb.	110144	\$9,495	110161R	110161A	\$6,750
48 x 96 20mm Outdoor LED Display, 8 lines of 4" characters/19 characters per line	6' 4" L x 9.7" W x 3' 2" H	189 lb.	110145	\$11,765	110162R	110162A	\$8,325
48 x 112 20mm Outdoor LED Display, 8 lines of 4" characters/22 characters per line	7' 5" L x 9.7" W x 3' 2" H	220 lb.	110146	\$13,725	110163R	110163A	\$9,690
48 x 128 20mm Outdoor LED Display, 8 lines of 4" characters/25 characters per line	8' 5" L x 9.7" W x 3' 2" H	251 lb.	110147	\$15,700	110164R	110164A	\$11,075
48 x 144 20mm Outdoor LED Display, 8 lines of 4" characters/28 characters per line	9' 6" L x 9.7" W x 3' 2" H	283 lb.	110148	\$17,650	110165R	110165A	\$12,475
64 x 96 20mm Outdoor LED Display, 10 lines of 4" characters/19 characters per line	6' 4" L x 9.7" W x 4' 3" H	251 lb.	110149	\$15,700	110166R	110166A	\$11,075
64 x 112 20mm Outdoor LED Display, 10 lines of 4" characters/22 characters per line	7' 5" L x 9.7" W x 4' 3" H	294 lb.	110150	\$18,300	110167R	110167A	\$12,915
64 x 128 20mm Outdoor LED Display, 10 lines of 4" characters/25 characters per line	8' 5" L x 9.7" W x 4' 3" H	336 lb.	110151	\$20,920	110168R	110168A	\$14,765
64 x 144 20mm Outdoor LED Display, 10 lines of 4" characters/28 characters per line	9' 6" L x 9.7" W x 4' 3" H	378 lb.	110152	\$23,525	110169R	110169A	\$16,625
64 x 160 20mm Outdoor LED Display, 10 lines of 4" characters/32 characters per line	10' 6" L x 9.7" W x 4' 3" H	420 lb.	110153	\$26,145	110171R	110171A	\$18,475
64 x 176 20mm Outdoor LED Display, 10 lines of 4" characters/35 characters per line	11' 7" L x 9.7" W x 4' 3" H	461 lb.	110154	\$28,755	110172R	110172A	\$20,295

CB 1-W Solar/Cellular Voice Communication Unit

The CB 1-w solar/cellular unit provides a fully self-contained emergency communication device where power and phone lines are not available. Power for the CB 1-W is generated by the vandal resistant, top mounted solar array and is configured for optimum performance and reliability in almost any geographic location. The optional Wind Assist power generator supplements the solar array and provides additional battery charging capacity for areas with intermittent solar availability. The solar/cellular CB 1-W includes either the exclusive analog InterAct™ or VoIP speakerphones for optimal user programmability, vandal resistance, fault monitoring and reporting functionality.

- Overall height (w/solar panel): 117"
- Overall height (w/Wind Assist): 144"
- Outside diameter: 12 $\frac{3}{4}$ "
- Housing material: steel, $\frac{1}{4}$ "
- Access opening: 8 $\frac{1}{2}$ "W x 12"H
- Solar powered (standard), Wind Assist generator (optional)
- ToolVox® IP and Blue Alert™
- 2 auxiliary inputs/3 auxiliary outputs, high output LED beacon/strobe
- 24v LED low consumption area light
- LED lit faceplate
- GSM cellular communication
- Top-mounted solar array
- Voice Identifier
- ADA compliant
- UV resistant lenses
- Vandal resistant hardware
- Ultra-weather resistant finish
- Internal foundation anchor kit



5874669

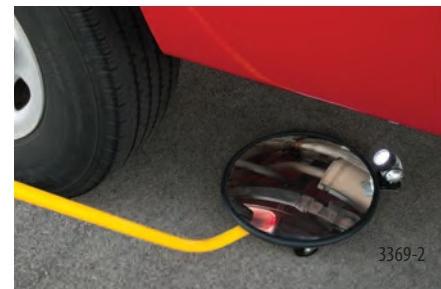


Optional Wind power generator (5874678)

GSM digital cellular equipped with IA4100/FP1 analog speakerphone	5874669A	\$8,095
IP Wireless secure mesh 5.8 equipped with IP5000/FP1 IP speakerphone	5874670A	\$9,470
IP Wireless 802.11g equipped with IP5000/FP1 IP speakerphone	5874671A	\$9,470
IA4100 FP2 optional faceplate with 2nd button (additional black "Info" button)	5874672	\$100
IA4100 FP2-K optional faceplate with 2nd button (additional black "Call" button) and Keypad	5874673	\$150
IP5000 FP2 IP optional faceplate with 2nd button (additional black "Info" button)	5874674	\$100
IP5000 FP2-K IP optional faceplate with 2nd button (additional black "Call" button) and Keypad	5874675	\$150
EMERGENCY (raised letters w/ Braille)	5874676	\$10
EMERGENCY/EMERGENCIA (raised letters w/ Braille)	5874677	\$10
Wind operated generator; supplements solar array	5874678	\$1,995
Custom color from Pantone® color chart or sample	5874679	\$150
Custom graphics wording color	5874680	Call

Sure Sight™ Undercarriage Inspection Mirrors

TAPCO Sure Sight™ wide-view convex inspection mirrors come in a 9" hand-held and 12" and 18" wheeled models. LED lights are optional. All three models have Safety Yellow articulating handles that swivel in multiple directions, allowing you to maneuver the mirror into tight spaces. The handle can be detached for compact storage and the strap can be used to hang the unit from a hook or peg. The 12" and 18" Sure Sight™ inspection mirrors feature a unique, three-caster design that keeps it stable on uneven surfaces. Sure Sight™ mirrors are available with a Velcro®-attachable/detachable LED light on a 180° swivel head. The LED lights are powered by three AAA batteries, included.



3369-2

9" Sure Sight™ undercarriage mirror: no light - handheld model	100650	\$124.95
9" Sure Sight™ undercarriage mirror: with light - handheld model	100403	\$139.95
12" Sure Sight™ undercarriage mirror: no light, NSN # 5120-12-349-3304	102164	\$179.95
12" Sure Sight™ undercarriage mirror: with light	3369-2	\$194.95
12" Sure Sight™ mirror: with telescoping handle, no light, no wheels	113463	\$159.95
18" Sure Sight™ undercarriage mirror: no light	102165	\$199.95
18" Sure Sight™ undercarriage mirror: with light	2968-13	\$214.95

